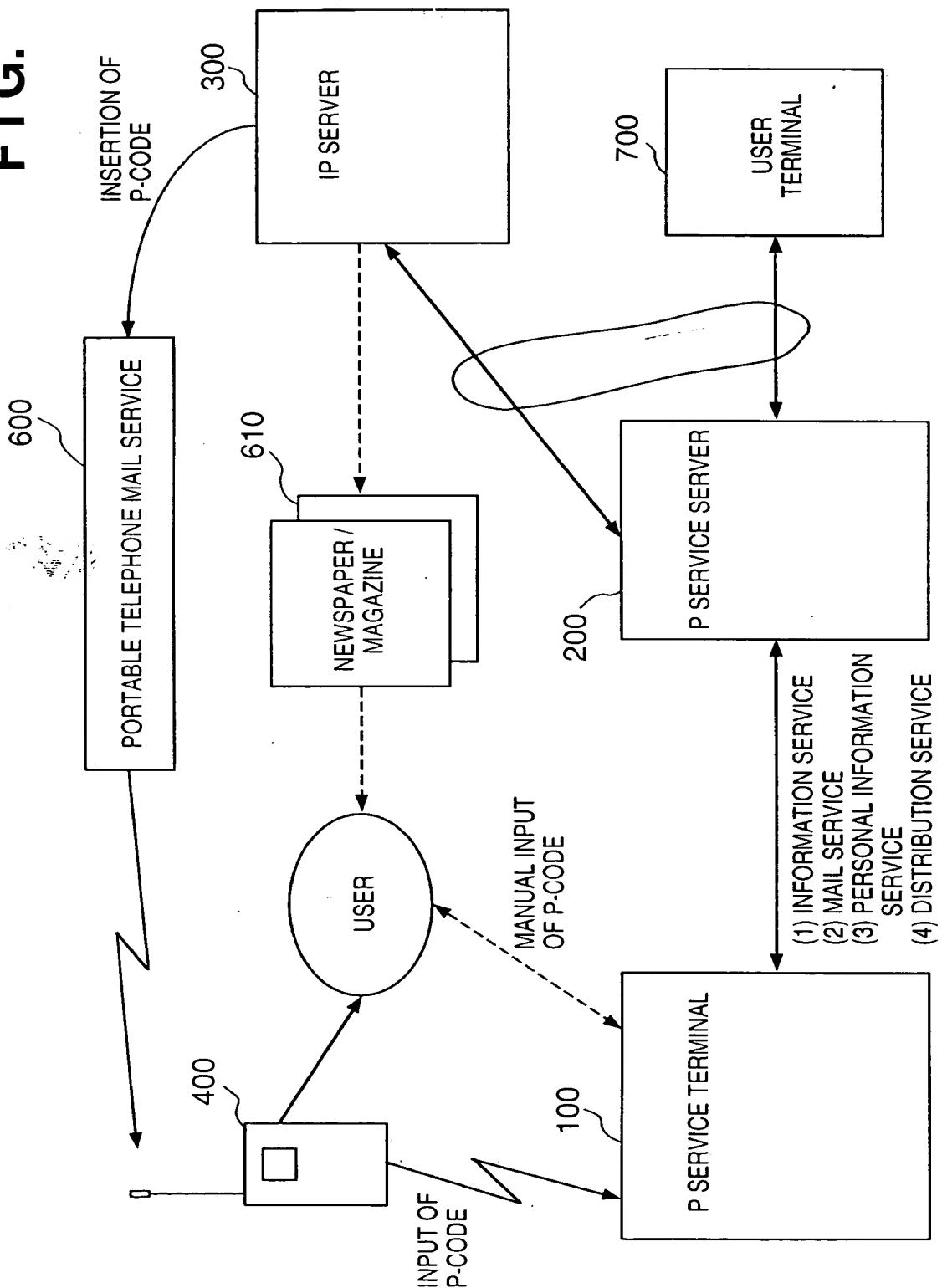


FIG. 1



NOT FOR PUBLICATION

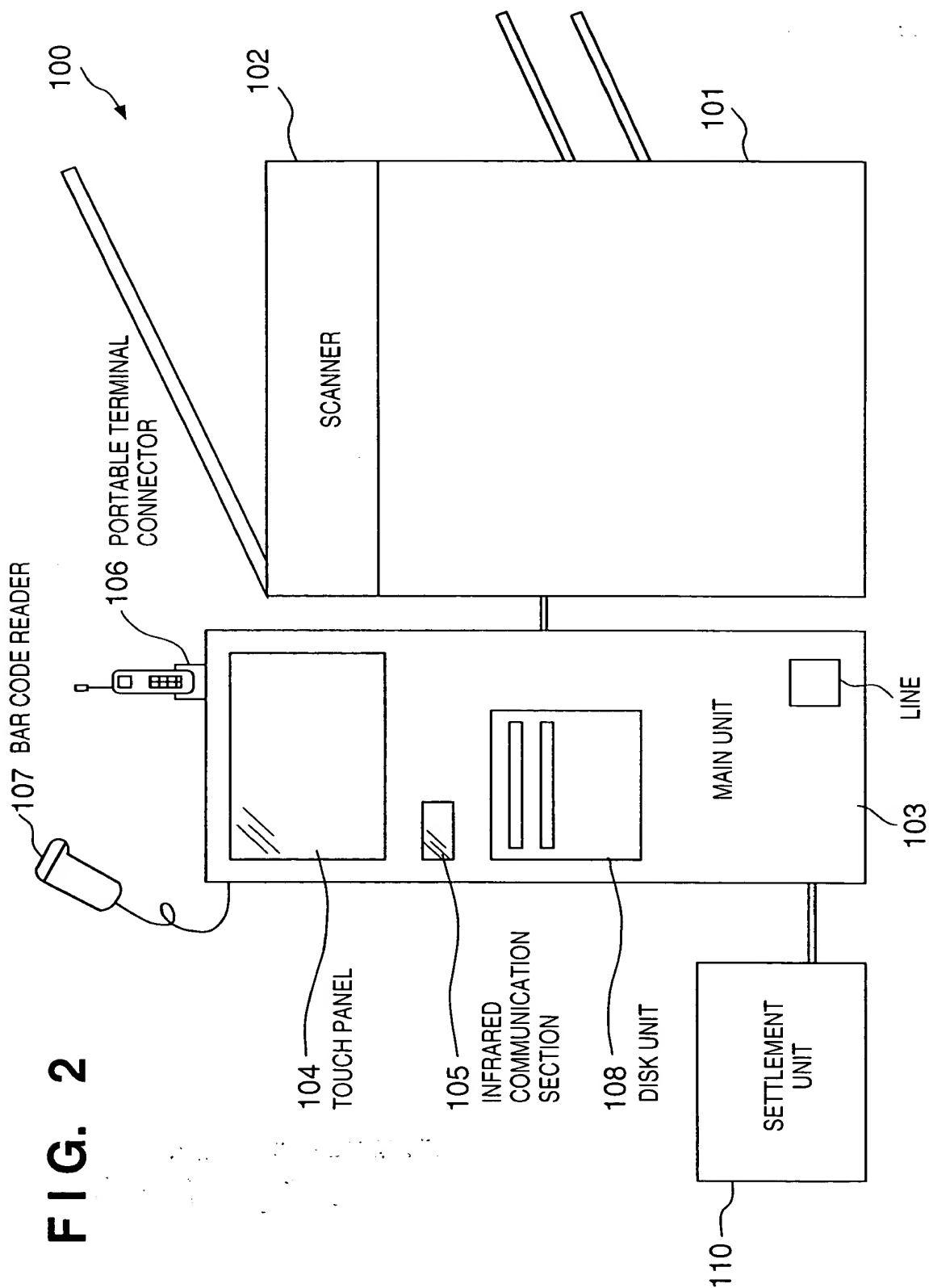


FIG. 3

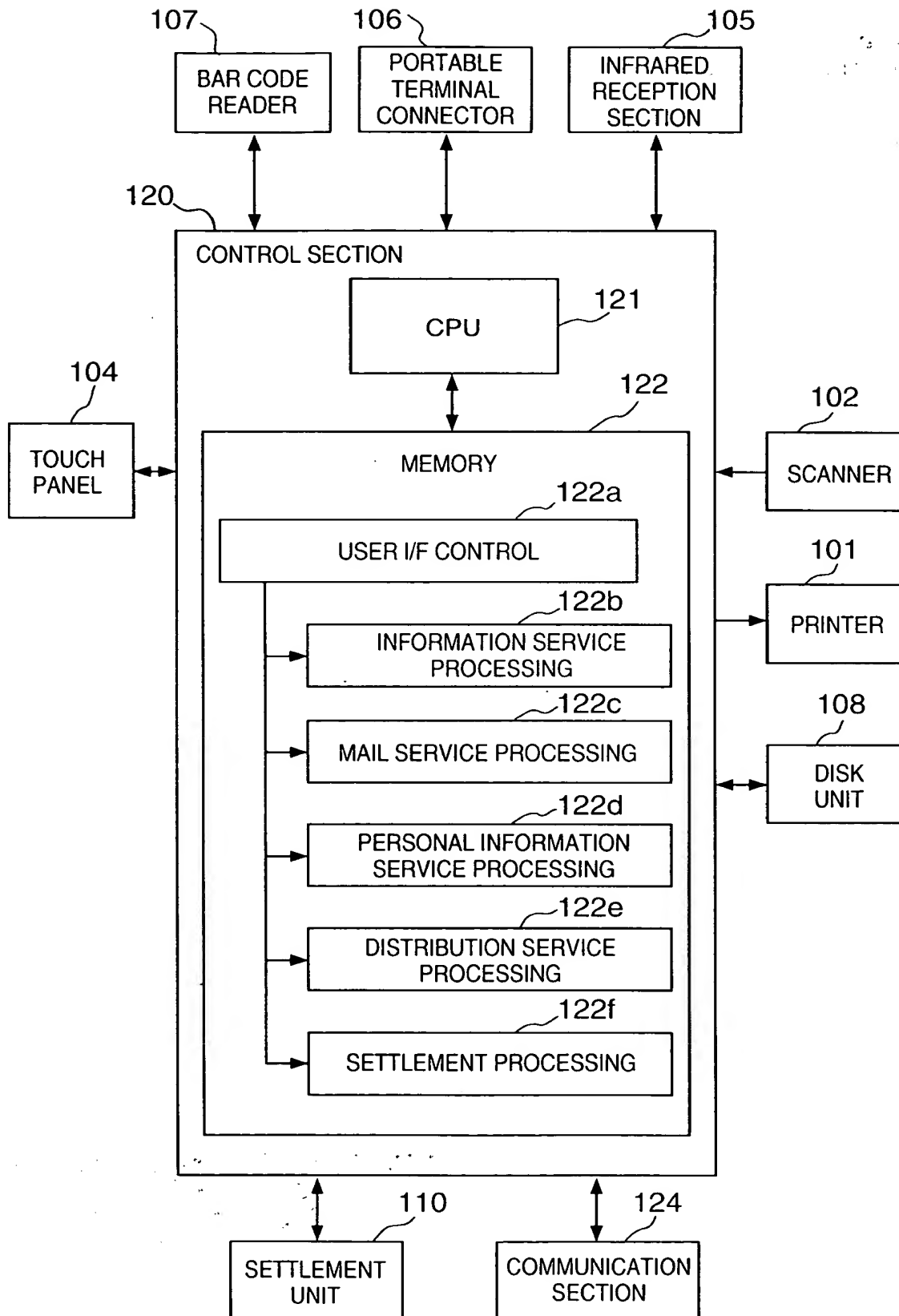
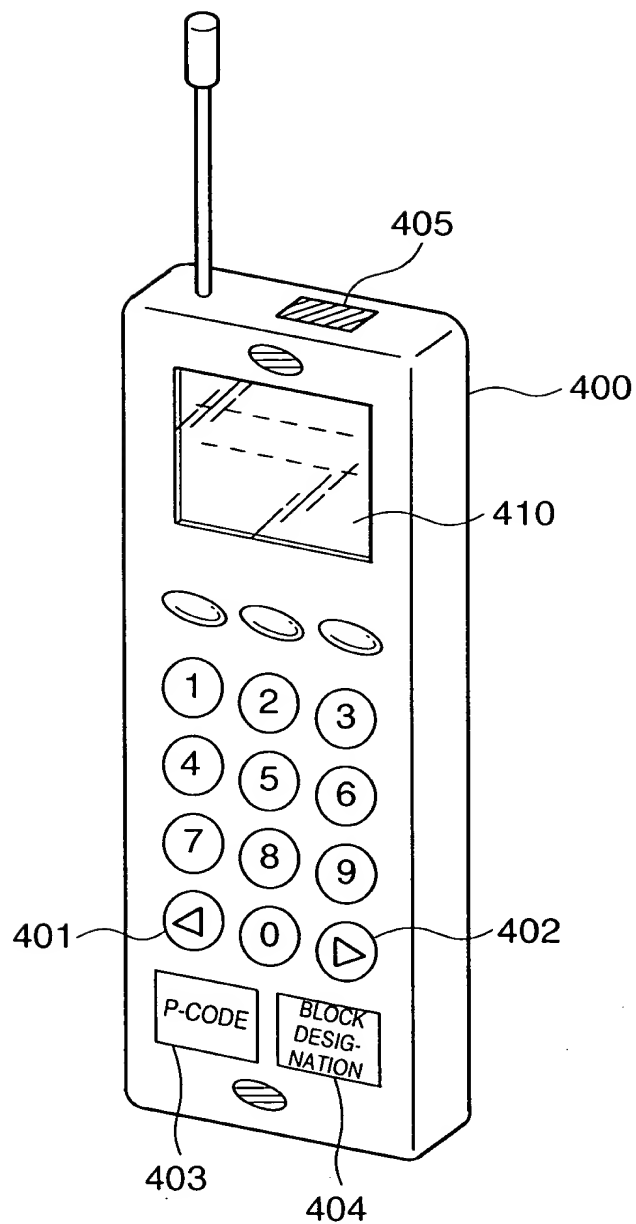


FIG. 4



00547397-044100

FIG. 5

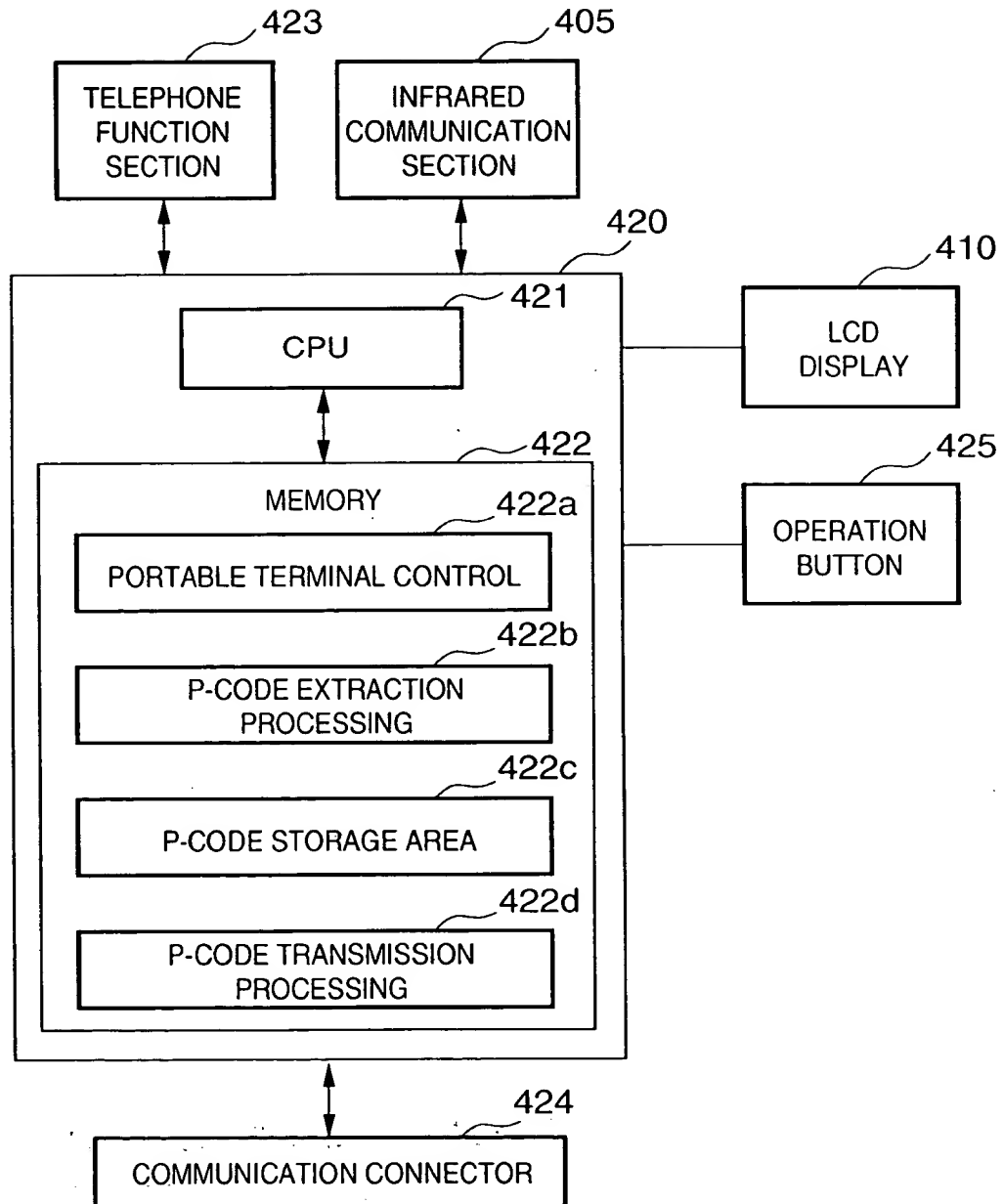


FIG. 6

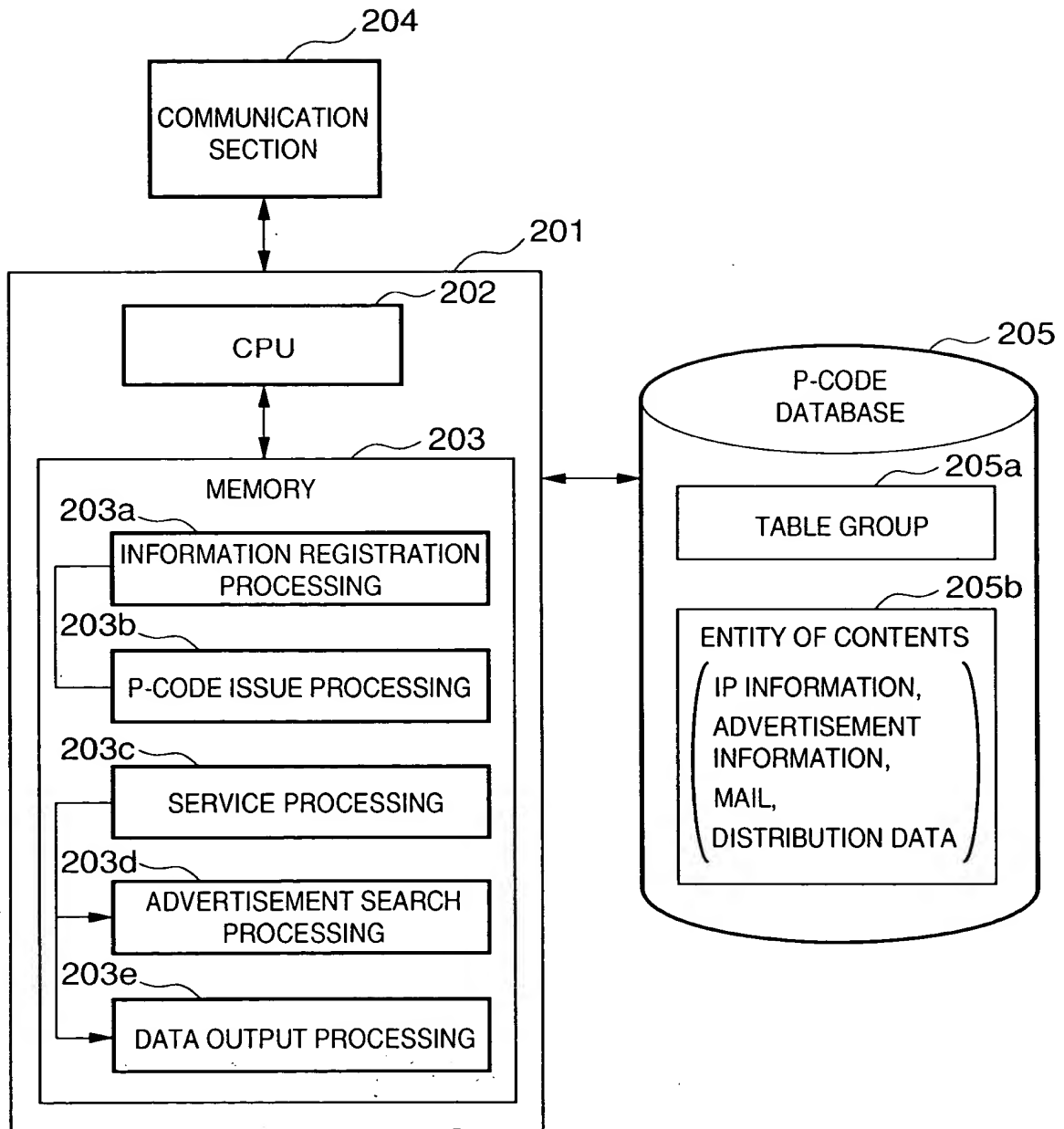


FIG. 7

220

IP INFORMATION REGISTRATION TABLE		
P-CODE	IDENTIFICATION SECTION	PARENT CODE SECTION FLAG REPRESENTING WHETHER Sub-code IS PRESENT Sub-code SECTION LINK
	BASIC PROPERTIES	OWNER ID TITLE SUBTITLE (SUMMARY) STATUS PRICE OF INFORMATION SIZE ADVERTISEMENT INSERTION ENABLE / DISABLE CONDITION PASSWORD FOR INFORMATION DATA OF START OF INFORMATION INSERTION TERM OF INFORMATION VALID DATES OF CODE MINIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE GENRE SUBGENRE REGION CODE KEYWORD LIST KEYWORD WEIGHT LIST
	FRAME INFORMATION	P-CODE
	NONLINK INFORMATION	P-CODE LINKED TO THIS INFORMATION
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)
		LINKED P-CODE
		REGISTERED, USABLE, SUSPENDED, ABOLISHED
		FOR INFORMATION WITH REGIONAL CHARACTERISTICS

FIG. 8

ADVERTISEMENT INFORMATION TABLE			
P-CODE	ADVERTISEMENT PROPERTIES	OWNER ID	TYPE OF LINK METHOD TARGET KEYWORD LIST TARGET KEYWORD WEIGHT LIST
		DATE OF START OF ADVERTISEMENT INSERTION TERM OF ADVERTISEMENT LINK INFORMATION TO IP INFORMATION SIZE OF ADVERTISEMENT PORTRAIT / LANDSCAPE ADVERTISEMENT SIZE ADJUSTMENT METHOD SETTING OF ADVERTISEMENT INSERTION POSITION UPPER LIMIT OF AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) UPPER LIMIT OF PRINTING COUNT CURRENT PRINTING COUNT	
	LINK ENTITY FILE INFORMATION	P-CODE NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)	

FIG. 9

USER INFORMATION TABLE		
P-CODE OF USER (TELEPHONE NUMBER)	USER PROFILE	POSTAL CODE ADDRESS TYPE OF SERVICE TO USE NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB PRINTING PAPER INFORMATION
		BIRTHDAY / BLOOD TYPE / SEX FINAL SCHOOL CARRIER / OCCUPATION ID / OCCUPATION (OTHERS) MARRIED / SINGLE / NUMBER OF FAMILY NUMBERS / INCOME / AMOUNT OF SAVING HOUSE IN POSSESSION OR NOT / CAR / PISTON DISPLACEMENT / MODEL MOTORCYCLE / PISTON DISPLACEMENT / MODEL CURRENT PET / DESIRED PET HOBBY / MUSIC / MOVIE SPECTATOR SPORTS / SPORTS / FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)
	PERSONAL INFORMATION TABLE	
	MAIL SERVICE INFORMATION	TO ANOTHER DB NUMBER OF MAIL MESSAGES MAXIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF MAIL MESSAGES)
	DISTRIBUTION SERVICE INFORMATION	NUMBER OF REGISTERED DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF DISTRIBUTED DATA)
	PERSONAL INFORMATION SERVICE INFORMATION	NUMBER OF FRAME DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF FRAME DATA)
		PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)

FIG. 10

MAIL SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF MAIL	SUBJECT SENDER DATE AND TIME OF TRANSMISSION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

FIG. 11

DISTRIBUTION SERVICE P-CODE TABLE		
P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTIES OF REGISTERED INFORMATION	TITLE * DATE OF INFORMATION REGISTRATION VALID DATES OF INFORMATION PASSWORD (PASSWORD) FOR INFORMATION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

FIG. 12

PERSONAL INFORMATION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF PERSONAL P-CODE INFORMATION	TITLE DATE OF FINAL PRINTING PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)	
			NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)	
	REGISTERED P-CODE INFORMATION			

FIG. 13

PERSONAL INFORMATION TABLE						
USER-ID	PHONETIC TRANSCRIPTION (LAST NAME) PHONETIC TRANSCRIPTION (FAMILY NAME) NAME (FAMILY NAME) NAME (FIRST NAME) NAME (MIDDLE NAME) POSTAL CODE ADDRESS TELEPHONE NUMBER FAX NUMBER PORTABLE TELEPHONE NUMBER E-MAIL ADDRESS PASSWORD NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY PAYER INFORMATION USE DISK AREA INFORMATION CHARGE RECORD	<table><tr><td></td><td>PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)</td></tr><tr><td colspan="2"></td></tr></table>		PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)		
	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)					
		<table><tr><td colspan="2">CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD</td></tr><tr><td colspan="2"></td></tr></table>	CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD			
CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD						

FIG. 14

OWNER INFORMATION TABLE		SAME AS PERSONAL INFORMATION TABLE	
USER-ID		NAME OF COMPANY / NAME POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY E-MAIL ADDRESS OF PERSON IN CHARGE PASSWORD BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION PAYER INFORMATION	
			BANK OF PAYER BANK ACCOUNT OF PAYER CONTRACT TERM
			USE DISK AREA INFORMATION CHARGE RECORD

FIG. 15

TERMINAL INFORMATION TABLE

TERMINAL ID	OWNER ID	REGION INFORMATION TYPE OF TERMINAL REGION INFORMATION VERSION OF TERMINAL VERSION OF TERMINAL SOFTWARE TERMINAL INPUT DEVICE INFORMATION CAPACITY OF TERMINAL STORAGE DEVICE TERMINAL OUTPUT DEVICE INFORMATION LANGUAGE PRINTING ABILITY TERMINAL STATE INFORMATION
	COUNTRY	
	ADDRESS	
	PAPER SIZE DOUBLE SIDE / ONE SIDE COLOR / MONOCHROME PRINTING SPEED FONT	
	PRINTING SPOOL STATE INFORMATION OF REMAINING CAPACITY OF STORAGE DEVICE P-CODE CACHE STATE	

FIG. 16

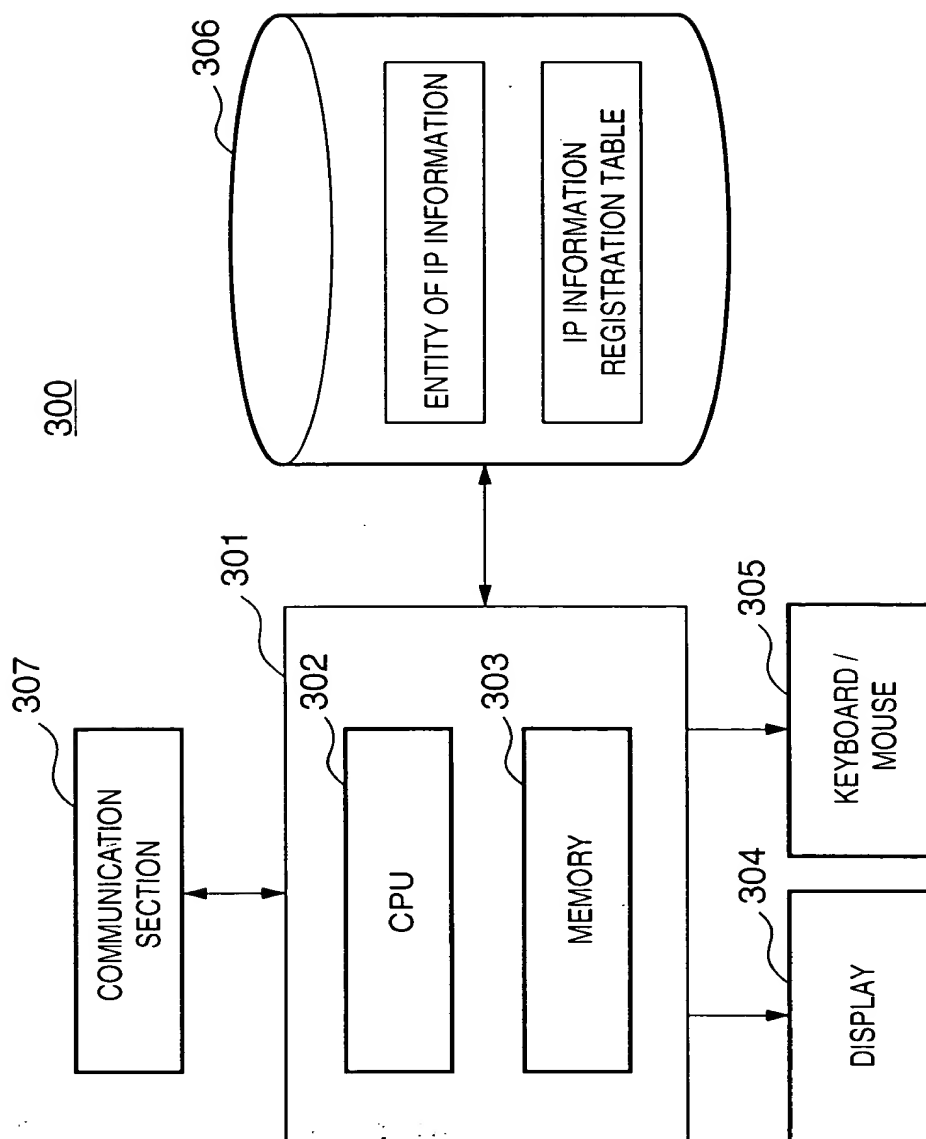
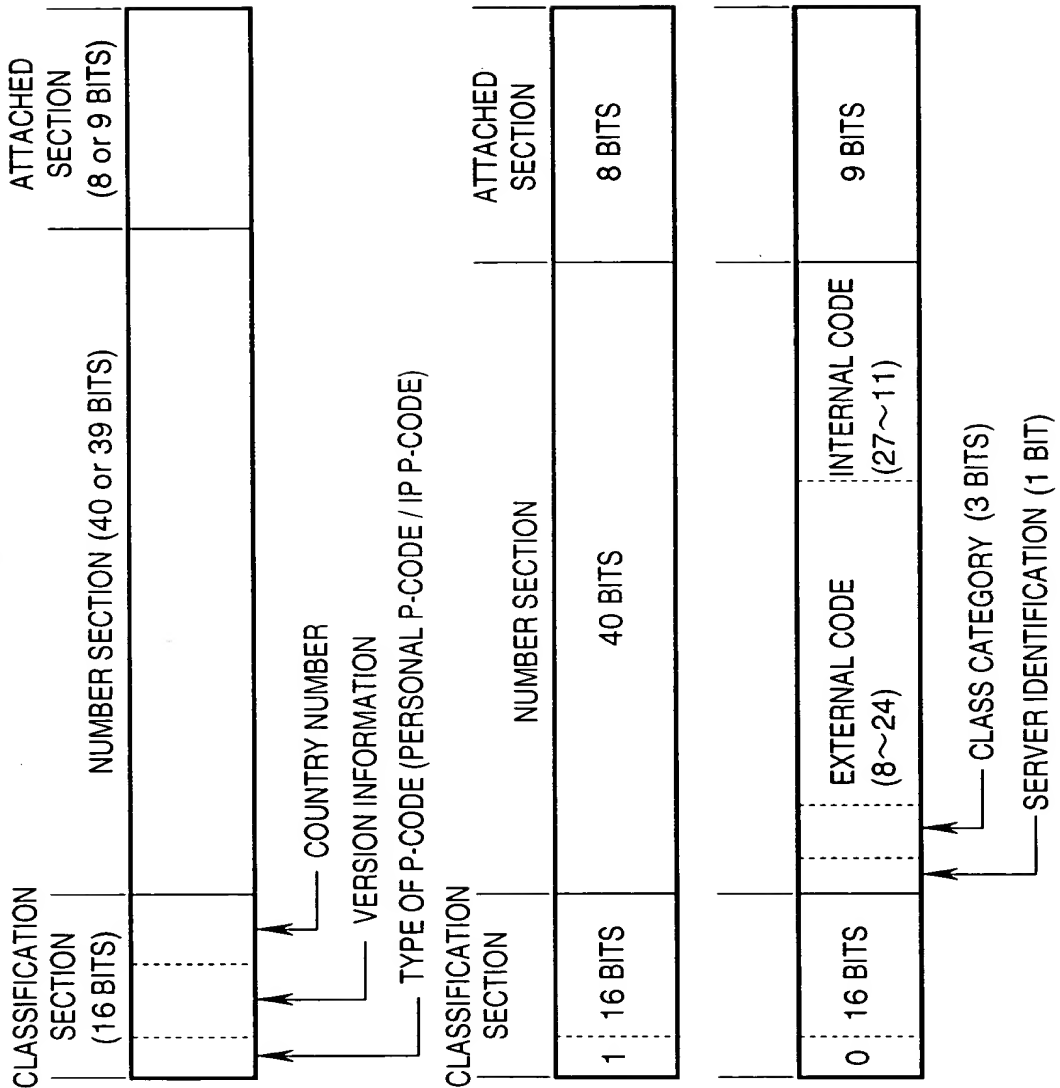


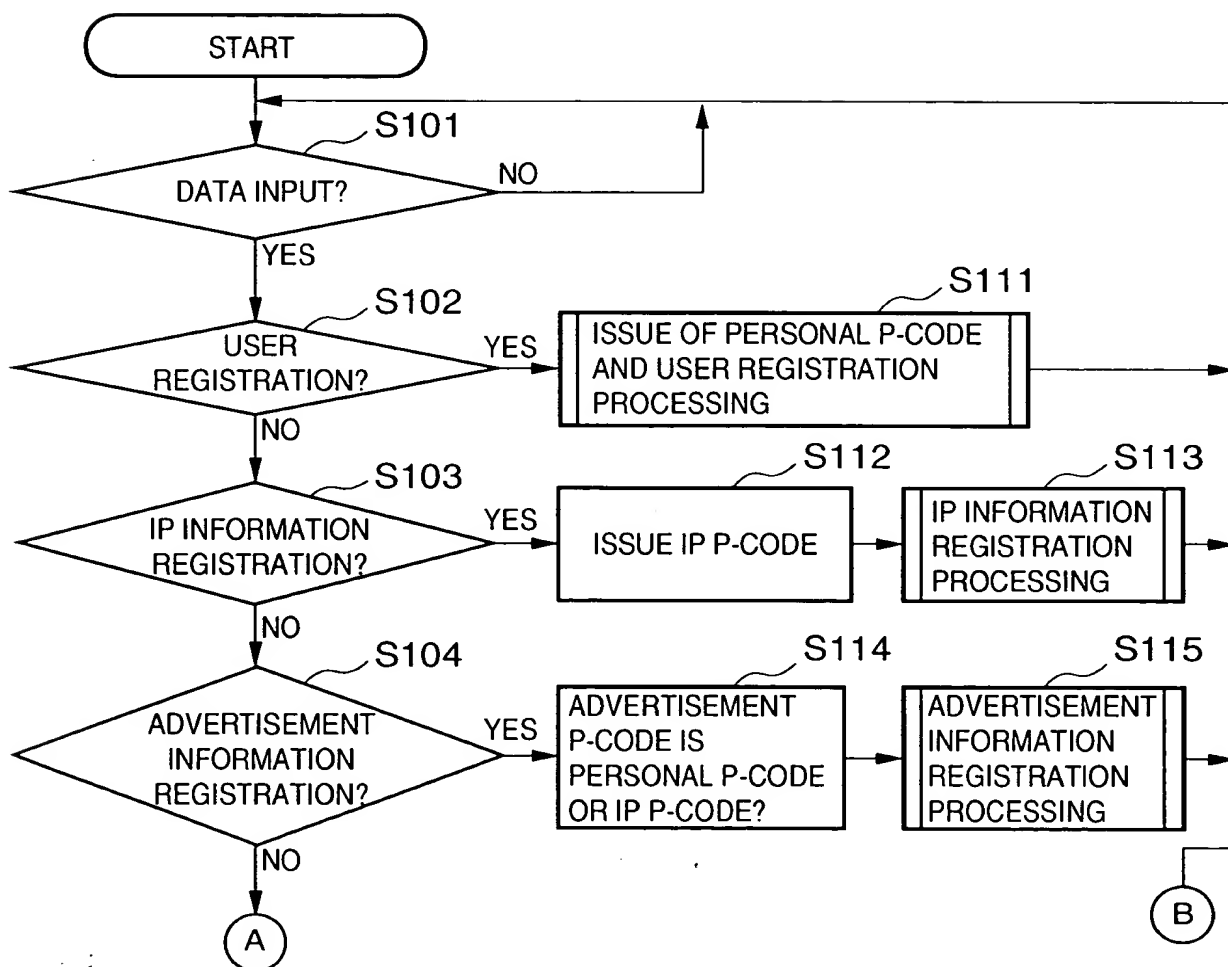
FIG. 17



Bit	CONTENTS OF P-CODE				
1	0 : INFORMATION P-CODE (BIT REPRESENTING WHETHER P-CODE IS TELEPHONE CODE)				1 : PERSONAL USER P-Code
2 3 4 5 6 7 8	VERSION BITS (7 BITS)				VERSION BITS (7 BITS)
9 10 11 12 13 14 15 16	COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)				COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)
17	CanDI SERVER IDENTIFICATION BIT (= 1 : CanDI SERVER)				TELEPHONE NUMBER (INTEGER HAVING 12 DIGITS AT MAXIMUM) (40 BITS)
18 19 20	IP SCALE IDENTIFICATION BITS (3 BITS) (=1: MINIMAL SCALE, = 2 : SMALL SCALE, = 3 : MEDIUM SCALE, = 4 : LARGE SCALE, = 5 : MAXIMAL SCALE)				
21 22 23 24 25 26 27 28	SITE IDENTIFICATION BITS (24 BITS) (FOR IP IN MINIMAL SCALE), NUMBER OF REGISTER-ABLE IPS IS 16,000,000	SITE IDENTIFICATION BITS (20 BITS) (FOR IP IN SMALL SCALE), NUMBER OF REGISTER-ABLE IPS IS 1,048,575	SITE IDENTIFICATION BITS (16 BITS) (FOR IP IN MEDIUM SCALE), NUMBER OF REGISTER-ABLE IPS IS 65,535	SITE IDENTIFICATION BITS (12 BITS) (FOR IP IN LARGE SCALE), NUMBER OF REGISTER-ABLE IPS IS 2,047	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44				SITE IDENTIFICATION BITS (8 BITS) (FOR IP IN MAXIMAL SCALE AND CanDI SERVER), THE MAXIMUM NUMBER OF REGISTER-ABLE IPS IS 256	
45 46 47 48 49 50 51 52 53 54 55	INDIVIDUAL INFORMATION ID BITS (11 BITS), EACH IP CAN REGISTER UP TO ABOUT 2,047 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 32,767 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000 PIECES OF INFORMATION	INDIVIDUAL INFORMATION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 8,000,000 PIECES OF INFORMATION	
56 57 58 59	SURFIX (9 BITS), 512 PIECES AT MAXIMUM.				TYPE OF SURFIX (3 BITS), 7 TYPES AT MAXIMUM
60 61 62 63 64					SURFIX (5 BITS), 31 PIECES AT MAXIMUM

001110 26E44560

FIG. 19



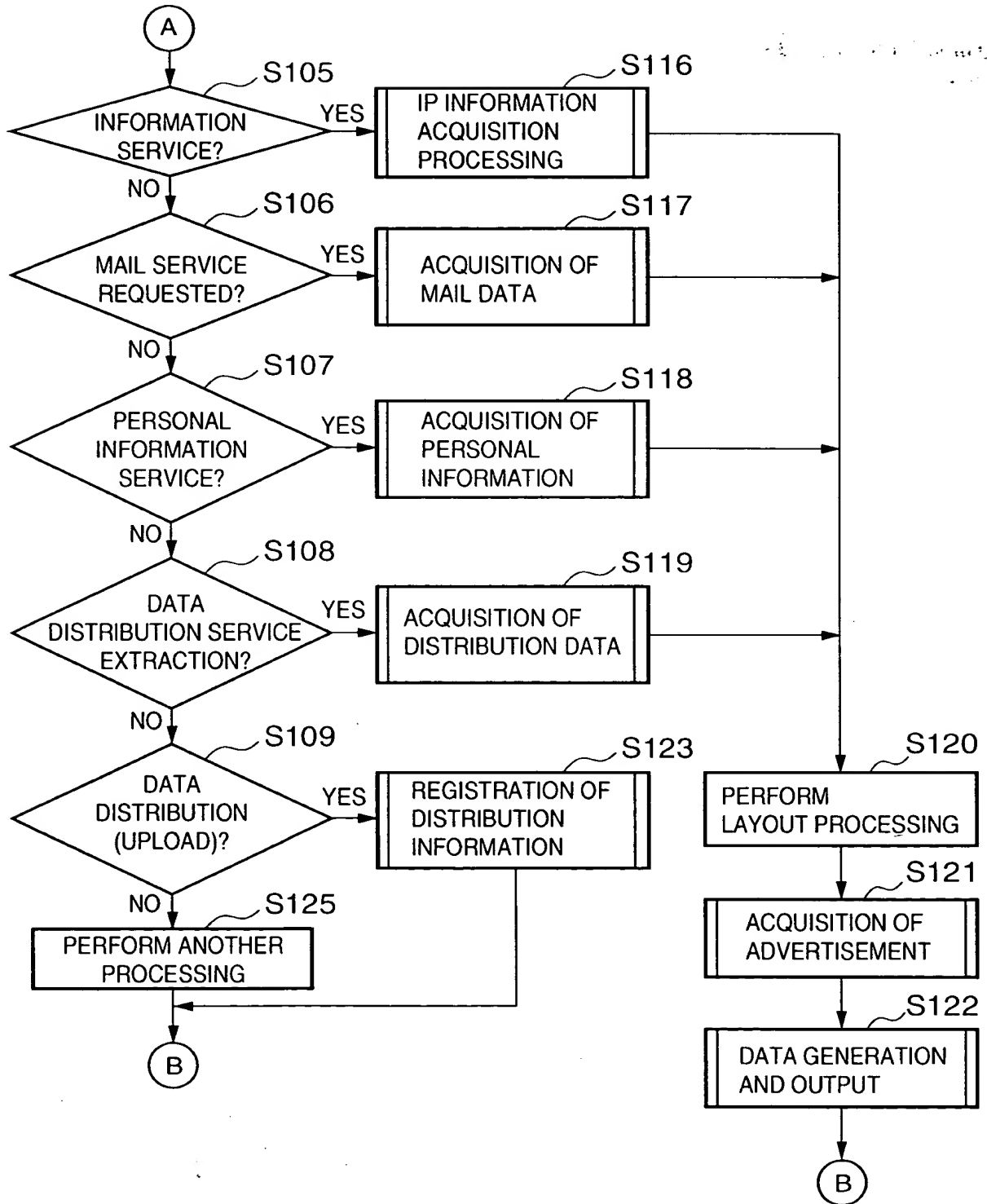


FIG. 21

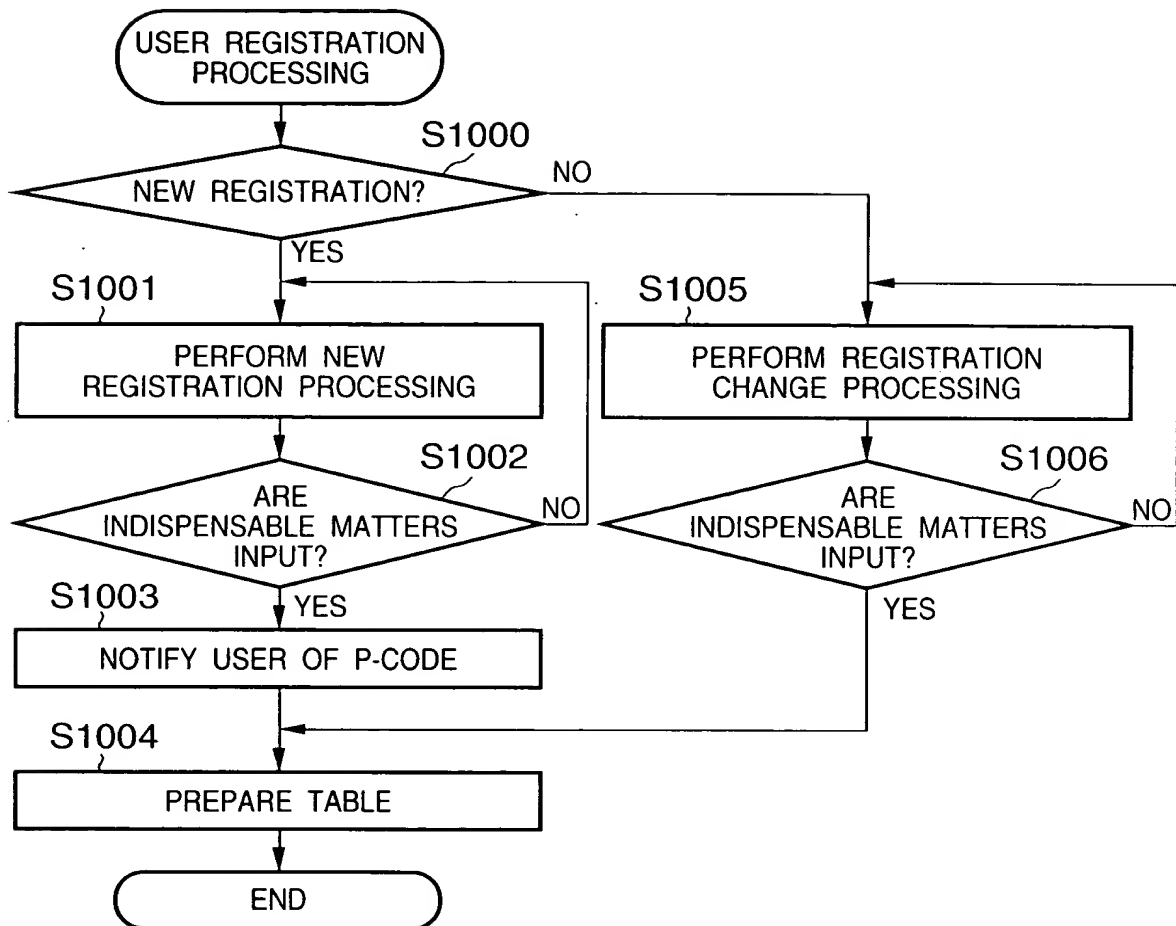


FIG. 22

USER ID : NEW REGISTRATION

1000	NAME / ADDRESS (<u>N</u>)	PASSWORD (<u>P</u>)	1010
1020	PLACE OF EMPLOYMENT (<u>A</u>)	CREDIT CARD (<u>C</u>)	1030
1040	SERVICE (<u>S</u>)	PERSONAL INFORMATION (<u>U</u>)	1050
1060	PERSONAL INFORMATION 2 (<u>D</u>)	DESIRED INFORMATION (<u>T</u>)	1070
1080	PRINTING PAPER (<u>Q</u>)	FAVORITE INFORMATION REGISTRATION (<u>R</u>)	1090

OK CANCEL

FIG. 23

0011076E74560

0547397-041100

×

PHONETIC
TRANSCRIPTION (K):

NAME (N):

HOME

POSTAL CODE (Z): -

ADDRESS (A):

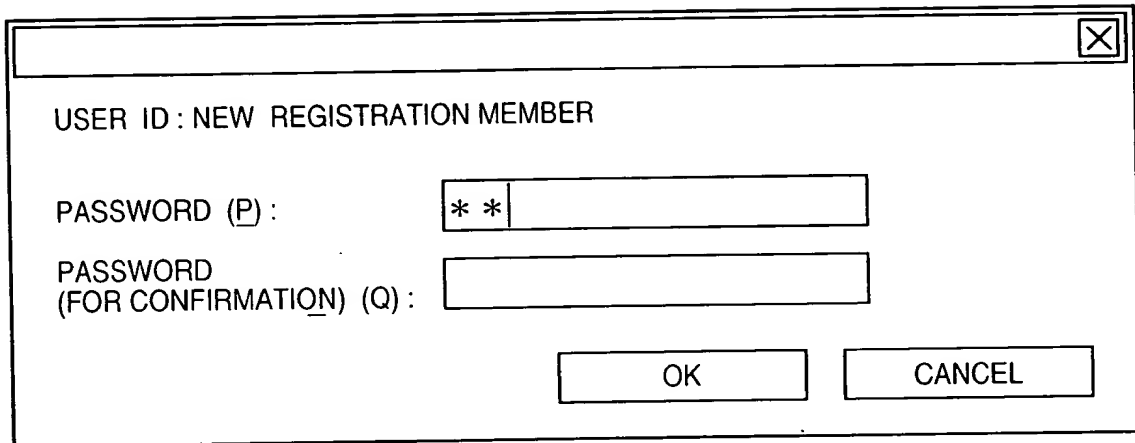
TELEPHONE
NUMBER (T): - -

FAX NUMBER (F): - -

PORTABLE TELEPHONE
NUMBER (C): - -

E-MAIL ADDRESS (E):

FIG. 24



USER ID : NEW REGISTRATION MEMBER

PASSWORD (P):

PASSWORD (FOR CONFIRMATION) (Q):

OK CANCEL

09547397.04.1.100

FIG. 25

001140" 26E24560

×

PLACE OF EMPLOYMENT

NAME OF COMPANY (C):

CANON INC.

BUSINESS CATEGORY (K):

MANUFACTURING ▾ OTHERS»

NAME OF DEPARTMENT / SECTION (D):

MA PROJECT

POST (&P):

SECTION MANAGER

JOB (B):

TECHNICAL EMPLOYEE

POSTAL CODE (Z):

211

-

0000

ADDRESS (A):

1-2-5, YAMASHITA-CHO, CHUO-KU, KAWASAKI-SHI

TELEPHONE NUMBER (T):

044 |

-

-

FAX NUMBER (F):

-

-

OK

CANCEL

FIG. 26

001140 26E24560

×

CREDIT CARD INFORMATION

CARD COMPANY

☐ VISA (V)

☐ MasterCard (M)

☐ AmericanExpress (A)

☐ JCB (J)

☒ DC (D)

CARD NUMBER (N):

0000

 -

0000

 -

0000

 -

0000

VALID DATES (P):

99

 /

4

OK

CANCEL

27/119

FIG. 27

SELECT SERVICE

- ☒ MAIL SERVICE (M)
- ☒ PERSONAL INFORMATION SERVICE (P)
- ☐ DISTRIBUTION SERVICE (R)

OK CANCEL

001140-26E24560

...

DATE OF BIRTH (B) : 99/04/01 BLOOD TYPE (L) : A

SEX (S) : ☒ MALE ☐ FEMALE

FINAL SCHOOL CARRIER (G) : UNIVERSITY/GRADUATE SCHOOL

OCCUPATION (O) : TECHNICAL EMPLOYEE OTHERS

MARRIED/SINGLE (M) : ☒ SINGLE ☐ MARRIED NUMBER OF FAMILY MEMBERS (A) : ONE

INCOME (I) : ¥ 3,000,000 TO ¥ 5,000,000 AMOUNT OF SAVING (F) : ¥ 1,000,000 OR LESS

OK CANCEL

FIG. 29

HOUSE (P) ☐ DETACHED HOUSE ☒ APARTMENT HOUSE ☐ RENTAL HOUSE
☐ COMPANY HOUSE / DORMITORY ☐ HOUSE OWNED BY RELATIVE

CAR etc. (C) ☒ PRIVATE CAR PISTON DISPLACEMENT 1500~2000 ▼ MODEL RV ▼
☐ MOTOR-CYCLE PISTON DISPLACEMENT ▼ MODEL ▼

PET (P) ☐ PET TYPE ▼
☒ DESIRED PET TYPE DOG ▼

HOBBY (H) ☒ MUSIC LISTENING FAVORITE GENRE ROCK-'N'-ROLL ▼
☒ MOVIEGOING FAVORITE GENRE SF ▼
☒ SPECTATOR SPORTS FAVORITE GENRE PROFESSIONAL BASEBALL ▼
☒ SPORTS FAVORITE GENRE SANDLOT BASEBALL ▼
☐ FISHING FAVORITE PLACE ▼

OK CANCEL

FIG. 30

The screenshot shows a graphical user interface for a stock market application. A window titled "DESIRED INFORMATION" is the primary focus, containing a list of market categories. Each category has a checkbox, some of which are checked. The categories are: ECONOMY (checked), MARKET (checked), DOMESTIC (checked), DOMESTIC MARKET OUTLOOK (checked), MERCHANDISE (checked), STOCK PRICE (checked), STOCK PRICE OUTLOOK (checked), FIRST SECTION OF TOKYO STOCK EXCHANGE (checked), DOW-JONES AVERAGE (checked), SPECIALLY DESIGNATED STOCK (checked), SECOND SECTION OF TOKYO STOCK EXCHANGE (checked), INTERNATIONAL (checked), EXCHANGE (checked), EXCHANGE OUTLOOK (checked), EACH MARKET (checked), ENTERTAINMENT (checked), and SPORTS (checked). Overlaid on the top of this window is a smaller "KEYWORD SEARCH" window, which has a text input field and a "SEARCH" button. At the bottom of the "DESIRED INFORMATION" window are "OK" and "CANCEL" buttons.

Category	Selected
ECONOMY	Yes
MARKET	Yes
DOMESTIC	Yes
DOMESTIC MARKET OUTLOOK	Yes
MERCHANDISE	Yes
STOCK PRICE	Yes
STOCK PRICE OUTLOOK	Yes
FIRST SECTION OF TOKYO STOCK EXCHANGE	Yes
DOW-JONES AVERAGE	Yes
SPECIALLY DESIGNATED STOCK	Yes
SECOND SECTION OF TOKYO STOCK EXCHANGE	Yes
INTERNATIONAL	Yes
EXCHANGE	Yes
EXCHANGE OUTLOOK	Yes
EACH MARKET	Yes
ENTERTAINMENT	Yes
SPORTS	Yes

[illegible]

FIG. 32

00140" 6E4560

09547397 041100

USER ID : 09001234567

1000' NAME / ADDRESS (<u>N</u>)	PASSWORD (<u>P</u>) 1010'
1020' PLACE OF EMPLOYMENT (<u>A</u>)	CREDIT CARD (<u>C</u>) 1030'
1040' SERVICE (<u>S</u>)	PERSONAL INFORMATION (<u>U</u>) 1050'
1060' PERSONAL INFORMATION 2 (<u>D</u>)	DESIRED INFORMATION (<u>T</u>) 1070'
1080' PRINTING PAPER (<u>Q</u>)	FAVORITE INFORMATION REGISTRATION (<u>R</u>) 1090'

OK CANCEL

FIG. 33

USER ID : 09082937251

CURRENT PASSWORD (C) :

PASSWORD (P) :

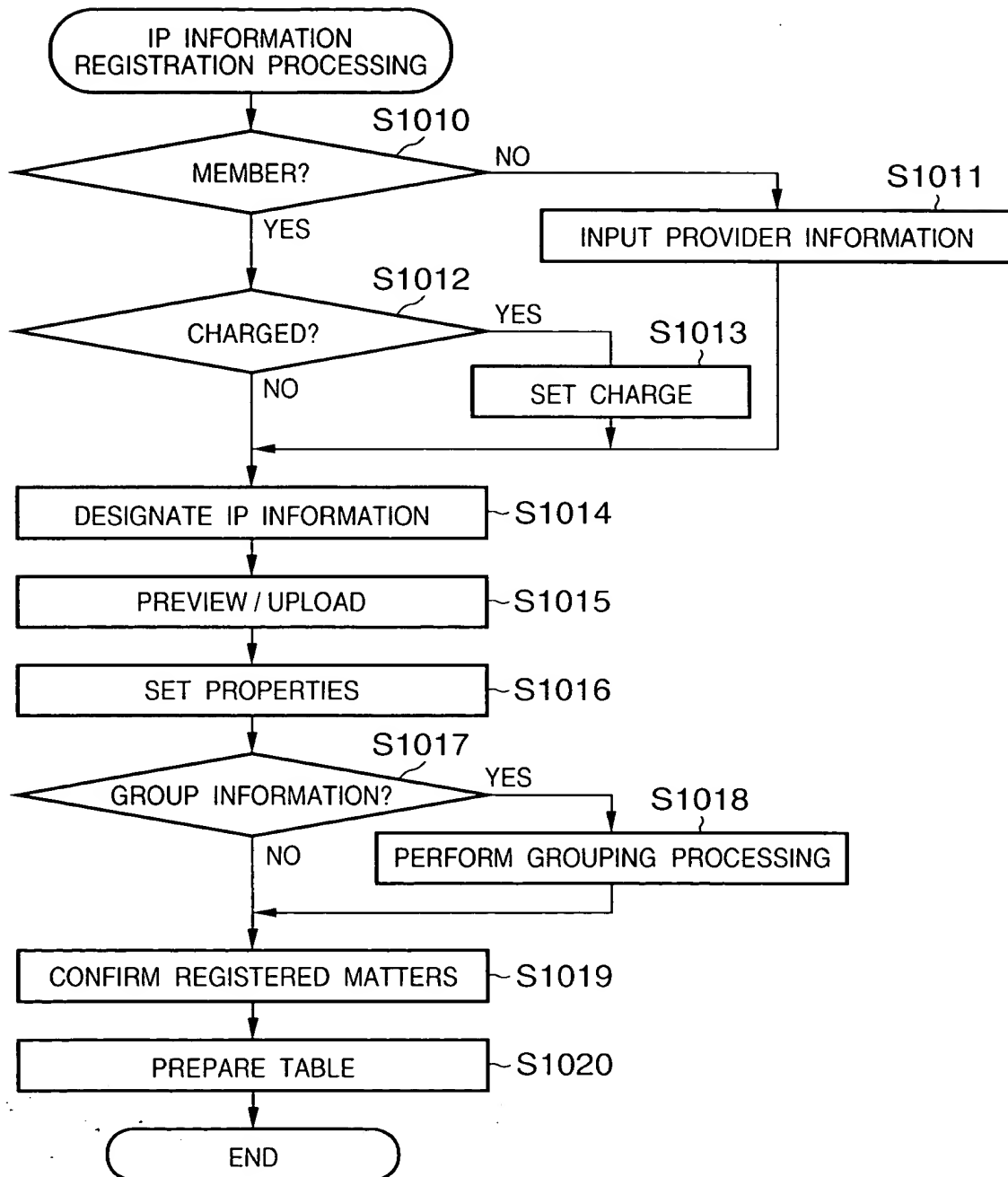
PASSWORD
(FOR CONFIRMATION) (Q) :

OK

CANCEL

001140" 46E4560

FIG. 34



00110 041100 09547397

FIG. 35

ARE YOU A MEMBER?

☒ YES (Y) MEMBERSHIP NUMBER (C): CAI-00023

☐ NO (N)

NEXT (F) CANCEL (C)

001140" 6E/4560

FIG. 36

00110" 26E44560

INPUT PASSWORD OF MEMBER ID CA_INF_0023 (P):

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 37

IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z): -

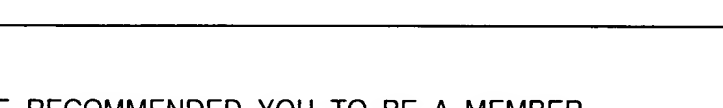
ADDRESS (A):

TELEPHONE
NUMBER (T): - -

NAME OR NAME OF
COMPANY (N):

E-MAIL ADDRESS (E):

FIG. 38



MEMBERSHIP

WE RECOMMENDED YOU TO BE A MEMBER.

DO YOU REGISTER FOR MEMBERSHIP?

YES (Y) NO (N)

FIG. 39

09547397.041100

WILL YOU CHARGE FOR THIS INFORMATION?

☒ CHARGE FOR PRINTING (C)

CHARGE (P) ¥ 20 PER PRINTING

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 40

DESIGNATE FILE TO BE REGISTERED (R)
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[txt, html, bmp, jpg, ico, tif, emf, wmf]

Top001.txt
Top_Attach.jpg

DESIGNATE
FILE (A)

DELETE (D)

NEXT (E)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 41

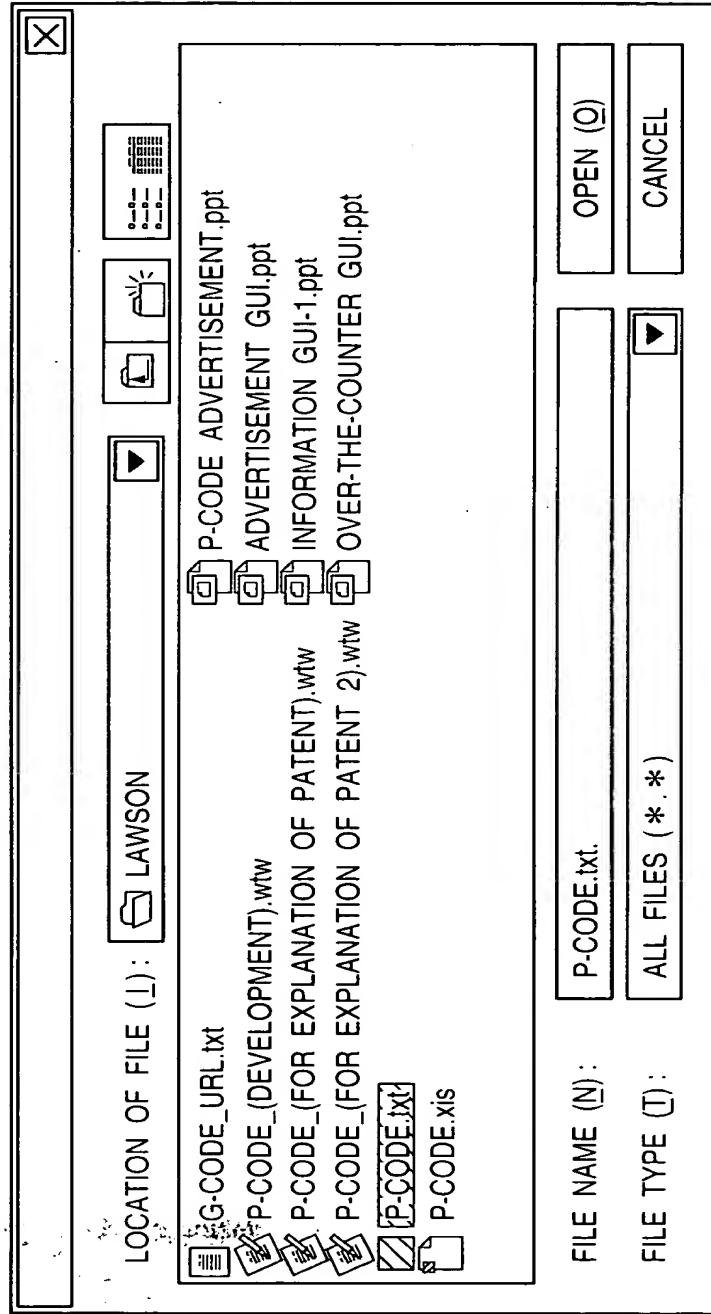


FIG. 42

X

PRINT PREVIEW OF TRANSFERRED INFORMATION IS
AS FOLLOWS

O O O O O O O

O O O O O O O

O O O O O O O

O O O O O O O

O O O O O O O

O O O O O O O

O O O O O O O O O O O O O O

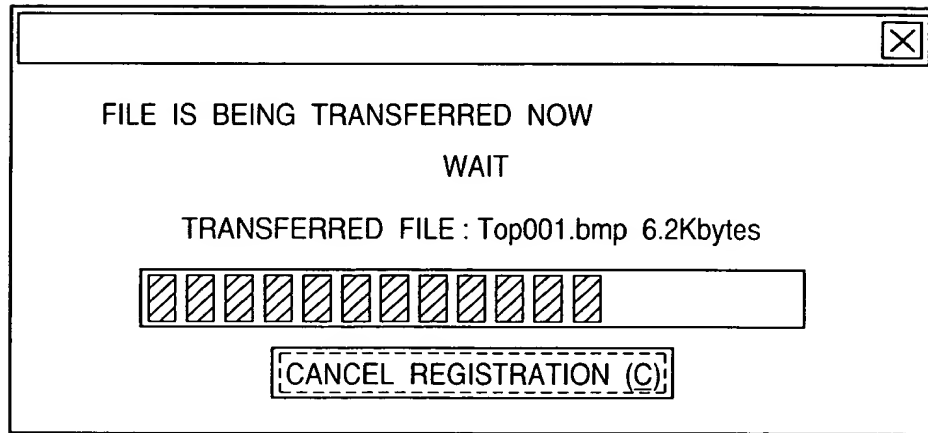
PICTURE

TRANSFER TO
SERVER (I)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 43



001140" 46E44560

20

✕

SET DATE OF START OF INFORMATION INSERTION (S)

APRIL 15, 1999▼

SET VALID DATES OF INFORMATION

- ☐ INDEFINITE (I)
- ☐ ONE WEEK (W)
- ☐ ONE MONTH (M)
- ☐ ONE YEAR (Y)
- ☐ DESIGNATE DATE (D)

APRIL 30, 1999▼

☒ VALID DATES OF P-CODE IS SET INDEPENDENTLY OF THAT OF INFORMATION (F)

MAY 31, 1999▼

NEXT (F)

BACK (B)

CANCEL REGISTRATION (C)

FIG. 45

SIZE OF INFORMATION TO BE REGISTERED IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF INFORMATION	12×6cm

WILL YOU FIX INFORMATION SIZE IN LAYOUT?

☐ FIX (D)

☒ ALLOW CHANGE (A)

FONT SIZE IS FROM Pt TO Pt

MAGNIFICATION OF PRINTING IMAGE IS FROM % TO %

FIG. 46

WILL YOU PERMIT ADVERTISEMENT INSERTION
INTO THE PAGE?

☒ YES (Y)

☐ PERMIT FOR LOWER SURFACE (R)

☐ NO (N)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

001100" 041100 09547397 26874560

FIG. 47

09547397.041100

×

WILL YOU SET PASSWORD FOR ACCESS TO INFORMATION?

☒ SET PASSWORD (S)

PASSWORD (P) :

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 48

RE-INPUT PASSWORD (P):

REGISTER (R) BACK (B) CANCEL REGISTRATION (C)

FIG. 49

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SPORTS ▼

SELECT SUBGENRE OF INFORMATION TO BE REGISTERED (S)

BASKETBALL ▼

SET KEYWORD WHEN LINKED TO ADVERTISEMENT (K)

NBA

ADD (A)

DELETE (D)

GAME RESULTS
PERSONAL RECORDS

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

001110" 16E14560

FIG. 50

09547397.041100

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SELEC (S)

SET (S)

SPORTS
TRAVEL
NEWS/WEATHER FORECAST
FINANCE
HOME MEDICINE
SOCIETY INFORMATION
INFORMATION OF ADMINISTRATIVE AGENCIES
PRIZE COMPETITION

GAME RESULTS
PERSONAL RECORDS

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

DELETE (D)

FIG. 51

INPUT TITLE OF INFORMATION (T)

NBA FINAL

INPUT COMMENT (SUMMARY) FOR INFORMATION
TO BE REGISTERED (S)

NEXT (E)

BACK (B)

CANCEL
REGISTRATION (C)

09547397-04110

FIG. 52A

09547397.041100

P-CODE TO BE REGISTERED (P)

XXXX XXXX XXXX

REGISTERED P-CODE LIST (L)

☐ CREATE NEW GROUP (N)

☒ ADD REGISTERED P-CODE TO EXISTING GROUP (A)

P-CODE OF GROUP TO WHICH P-CODE IS TO BE ADDED (G)

3091-2425-8769|

REGISTERED GROUP LIST (I)

OK

CANCEL

FIG. 52B

09547397 "04.1.00

INPUT TITLE OF NEW GROUP (T)

GAMES OF YESTERDAY

INPUT CONTENTS OF GROUP (S)

GAME RESULTS OF YESTERDAY AND BRIEF COMMENT
AND STANDINGS

SET INFORMATION UPDATE SCHEDULE (M)

NEXT DAY OF GAME

OK CANCEL

FIG. 52C

09547397 26E44560

×

INFORMATION P-CODE 3746-2348-2364
(PROFESSIONAL BASEBALL GAME RESULTS, JUNE 25, 1999)
IS LINKED TO FOLLOWING FRAME

P-CODE : 3091-2425-8769
(PROFESSIONAL BASEBALL / GAMES OF YESTERDAY)

LINK NUMBER : #77

OK

CANCEL

FIG. 53

09547397 "041100

×

PRESS REGISTER BUTTON TO END REGISTRATION

REGISTERED P-CODE IS 2010-4243-26227

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :

Top001.txt

Top_attachi.bmp

VALID DATES :

APRIL 26, 1999

PRINTING CHARGE :

¥ 10/Print

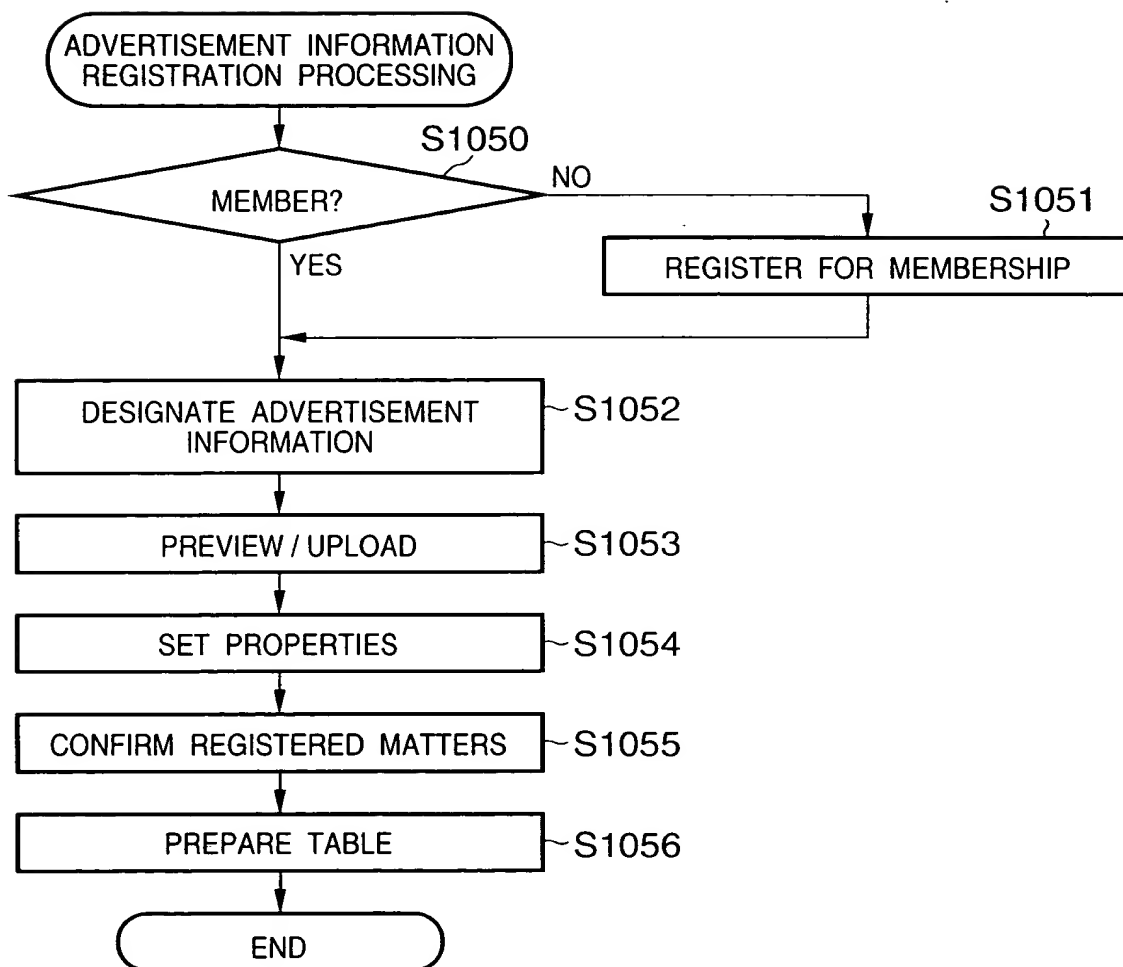
▲
▼

REGISTER (R)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 54



09547397 04.1.00

57/119

FIG. 55

09547397 " 041100

ADVERTISEMENT WILL BE REGISTERED

ARE YOU AN ADVERTISEMENT REGISTRATION MEMBER?

☐ YES (Y) MEMBERSHIP NUMBER (C) :

☐ NO (N)

NEXT (F) CANCEL REGISTRATION (C)

FIG. 56

INPUT PASSWORD OF ADVERTISEMENT
REGISTRATION
MEMBER ID CA_INF_0023 (P)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

09547397-041100

FIG. 57

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE ADVERTISEMENT PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z): -

ADDRESS (A):

TELEPHONE NUMBER (T): - -

NAME OR NAME OF COMPANY (N):

E-MAIL ADDRESS (E):

FIG. 58

DESIGNATE FILE TO BE REGISTERED AS ADVERTISEMENT (R)
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[txt, html, bmp, jpg, ico, tif, emf, wmf]

Bargain_sale.txt
Bargain_sale.jpg

DESIGNATE FILE (A)

DELETE (D)

NEXT (E) BACK (B) CANCEL REGISTRATION (C)

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FIG. 59

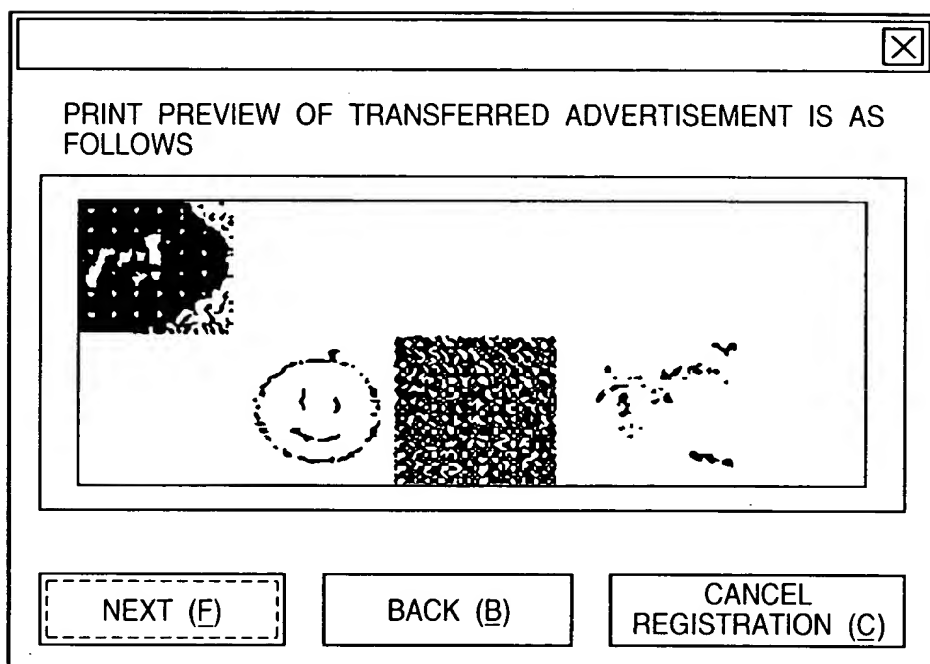


FIG. 60

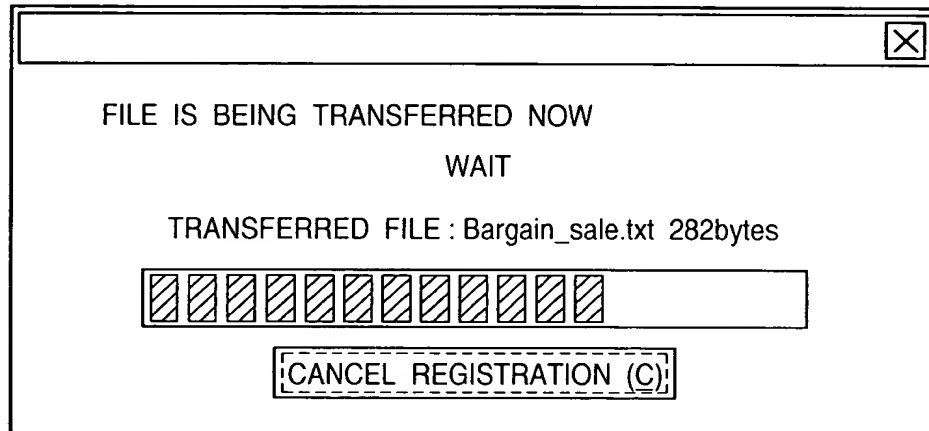


FIG. 61

09547397.041100

×

SET DATE OF START OF ADVERTISEMENT INSERTION (S)

MARCH 29, 1999 ▾

SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED

☐ INDEFINITE (I)

☐ ONE WEEK (W)

☐ ONE MONTH (M)

☐ ONE YEAR (Y)

☒ DESIGNATE DATE (D) APRIL 10, 1999 ▾

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 62

SELECT LINK METHOD INFORMATION IN WHICH
ADVERTISEMENT IS TO BE INSERTED

☐ REGION

AGE GROUP

SEX

SET KEYWORD

DESIGNATE INFORMATION

SET DETAILS (D)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 63

YOU CAN DO FOLLOWING DESIGNATION TO LIMIT REGION

☒ LIMIT IN UNITS OF METROPOLIS AND DISTRICTS
OR CITIES, TOWNS, AND VILLAGES (P)

☐ DESIGNATE SHOP TO PRINT (S)

☐ DESIGNATE ADDRESS AND RANGE THEREFROM (R)

☐ DESIGNATE RANGE ON MAP (M)

SET DETAILS (D)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

001140 26844560

FIG. 64

ADVERTISEMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT 142 CHARACTERS

PRINTING IMAGE 4×6cm

OVERALL REGION OF ADVERTISEMENT 12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE
REGISTERED (S)

L SIZE 6cm×12cm ▼ ☐ PORTRAIT (P)

☒ LANDSCAPE (L)

ADJUSTMENT OF ADVERTISEMENT SIZE

☒ ENLARGE / REDUCE REGISTERED DATA TO FIT
ADVERTISEMENT TO PRINTING SIZE (A)

☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

✕

ADVERTISEMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT 142 CHARACTERS

PRINTING IMAGE 4×6cm

OVERALL REGION OF ADVERTISEMENT 12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE
REGISTERED (S)

L SIZE (6cm×12cm)	▼	<input type="radio"/> PORTRAIT (P)
B5 SIZE	▲	<input type="radio"/> LANDSCAPE (L)
B6 SIZE		
L SIZE (6cm×12cm)		
M SIZE (4cm×8cm)		
S SIZE (2cm×5cm)		
POSTCARD SIZE	▼	

REGISTERED DATA TO FIT
ADVERTISEMENT TO PRINTING SIZE (A)

☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

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FIG. 66

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×

LIMITATION ON ADVERTISEMENT INSERTION POSITION

☐ SINGLE ADVERTISEMENT (U)

☐ ALWAYS TO BE PRINTED AS TOP ADVERTISEMENT (T)

☒ MAY BE PRINTED ON LOWER SURFACE (R)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 67

CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION
IS 20 YEN. ADVERTISEMENT IS CHARGED FOR IN
CORRESPONDENCE WITH NUMBER OF PRINTED PAGES

SET UPPER LIMIT OF ADVERTISEMENT CHARGE :

☒ DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)

☐ DESIGNATE UPPER LIMIT OF ADVERTISEMENT
CHARGE (P)

MAXIMUM (M) : 400 TIMES

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 68

00T40" 26E24560

×

PRESS REGISTER BUTTON TO END REGISTRATION

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :

Bargain_sale.txt

Bargain_sale.jpg

VALID DATES :

FROM MARCH 29, 1999 TO APRIL 10, 1999

LINK RULE TO INFORMATION

REGION

DESIGNATE CITIES, TOWNS, AND VILLAGES,

KITA-KU, KAWASAKI-SHI

KEYWORD

EATING AND DRINKING, RESTAURANT,

CHINESE, DISCOUNT, TASTY

REGISTER (R)

BACK (B)

CANCEL
REGISTRATION (C)

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FIG. 69

DO YOU WANT PRINT OF PARTICULARS OF
REGISTERED ADVERTISEMENT INFORMATION?
(PRINT IS ALSO AVAILABLE FROM INQUIRY OF
REGISTERED ADVERTISEMENT INFORMATION)

YES (Y)

NO (N)

00T40" 26E44560

FIG. 70

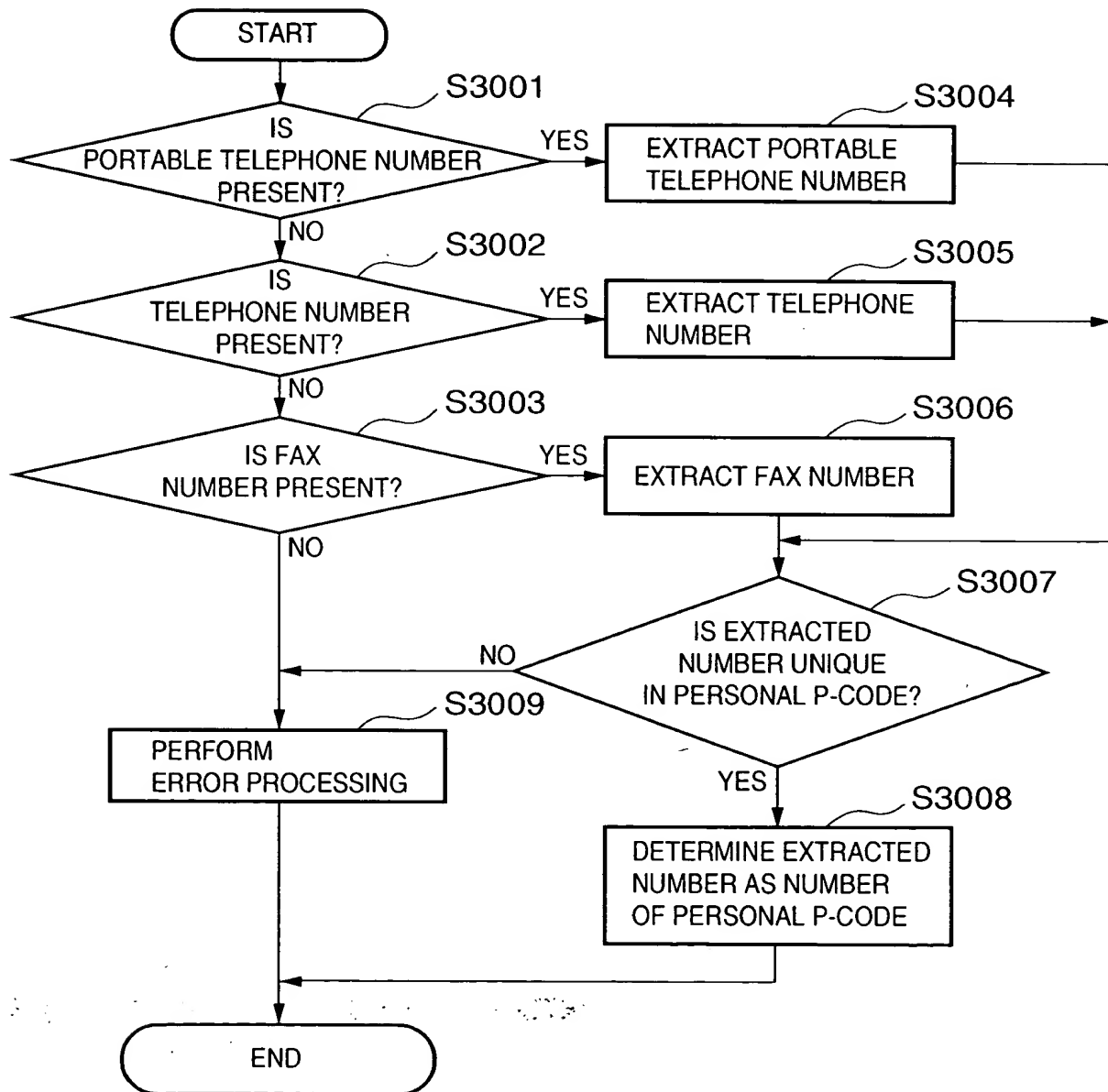


FIG. 71

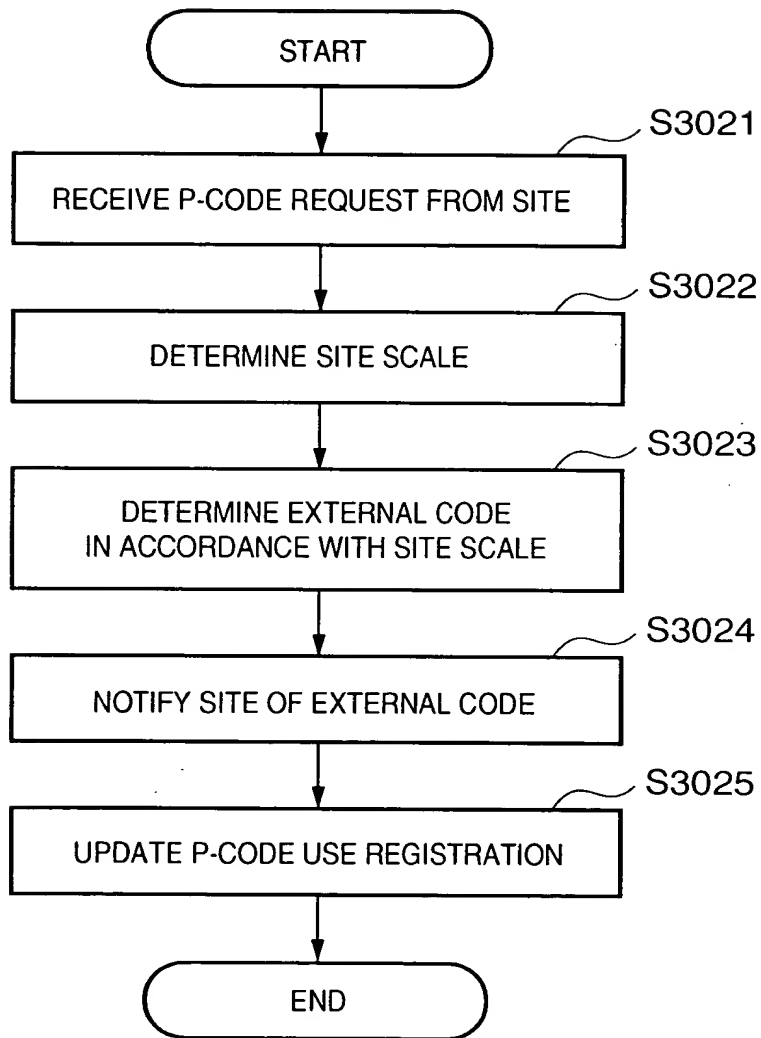


FIG. 72

SCALE	EXTERNAL CODE	URL
MINIMAL SCALE		
SMALL SCALE		
MEDIUM SCALE		
LARGE SCALE		
MAXIMUM SCALE		

001140-26E44560

FIG. 73

P-CODE (NUMBER SECTION = EXTERNAL CODE + INTERNAL CODE)	VALID DATES OF CODE

001140-26E24560

FIG. 74

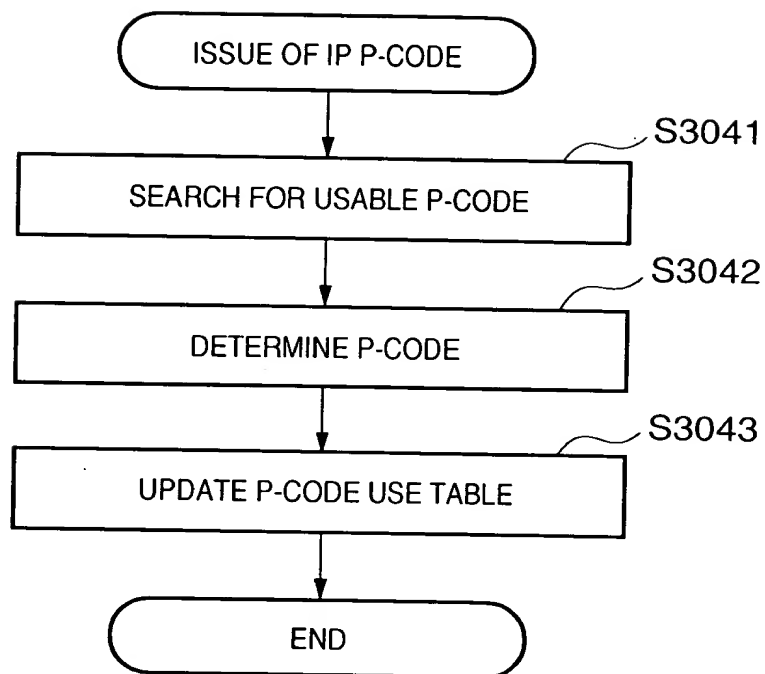
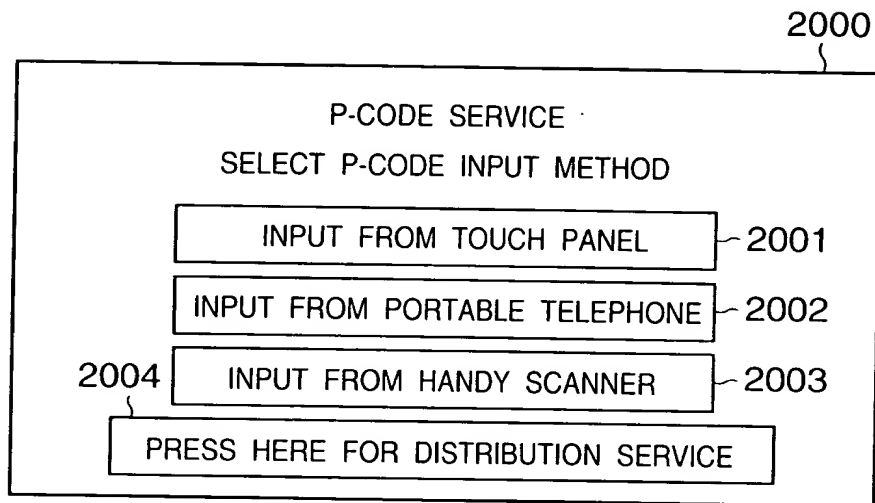
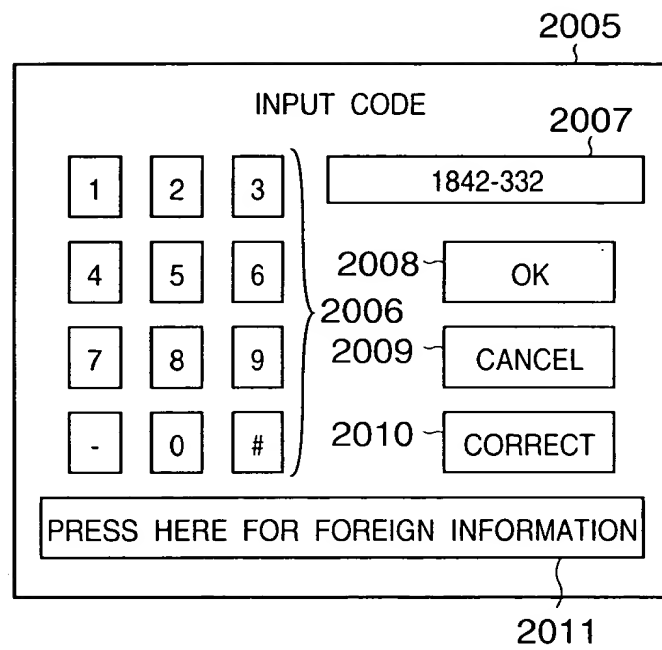


FIG. 75



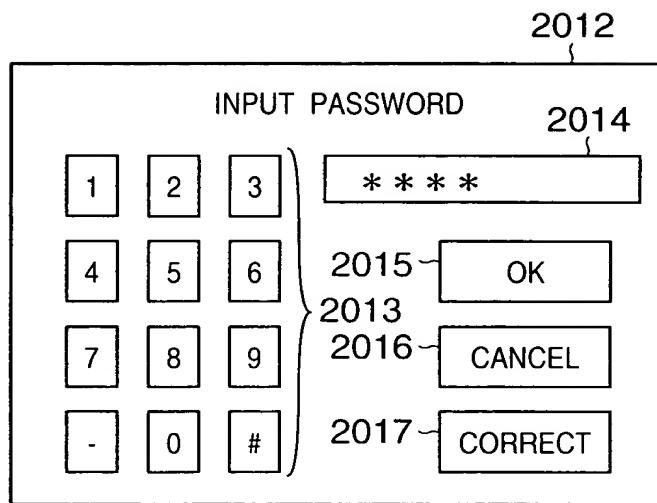
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FIG. 76



001140-26E4560

FIG. 77



001140-16874560

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FIG. 78

2018

PRESS "OK" WHEN NUMBER INPUT FROM
YOUR DEVICE IS ENDED

OK

2019

CANCEL

2020

001140-46E4560

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FIG. 79

2021

PRESS "OK" WHEN HANDY SCANNER CODE IS READ

OK

2022

CANCEL

2023

00T140" 26E74560

FIG. 80

2025

2026

FOLLOWING ITEMS ARE TO BE PRINTED
2027

INPUT ANOTHER P-CODE

P-CODE	TITLE (CONTENTS)	NUMBER OF PAGES	CHARGE	PRINTING
1842-2417	NFL GAME RESULTS	1	70	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME NO
1842-2450	ODDS AND OUR TIP ON EMPEROR PRIZE	1	70	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME NO

2027a

2027b

2027c

2028

CURRENT NUMBER OF PAGES TO PRINT IS 2,
AND CHARGE IS 140 YEN.
ADVERTISEMENT INSERTION DISCOUNTS 0 YEN

2029

2030

2031

2032

2028a

2028b

2028c

2028d

2028e

2028f

2034

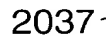


FIG. 82

2038

PRINTING OF ADVERTISEMENT			
ADVERTISER BEARS PRINTING CHARGE FOR YOU WHEN ADVERTISEMENT IS PRINTED			
PRINT IN FREE SPACE OF ARTICLE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	} 2039
PRINT ON LOWER SURFACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PRINT ANOTHER PAGE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
	2040	2041	
	<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>	

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FIG. 83

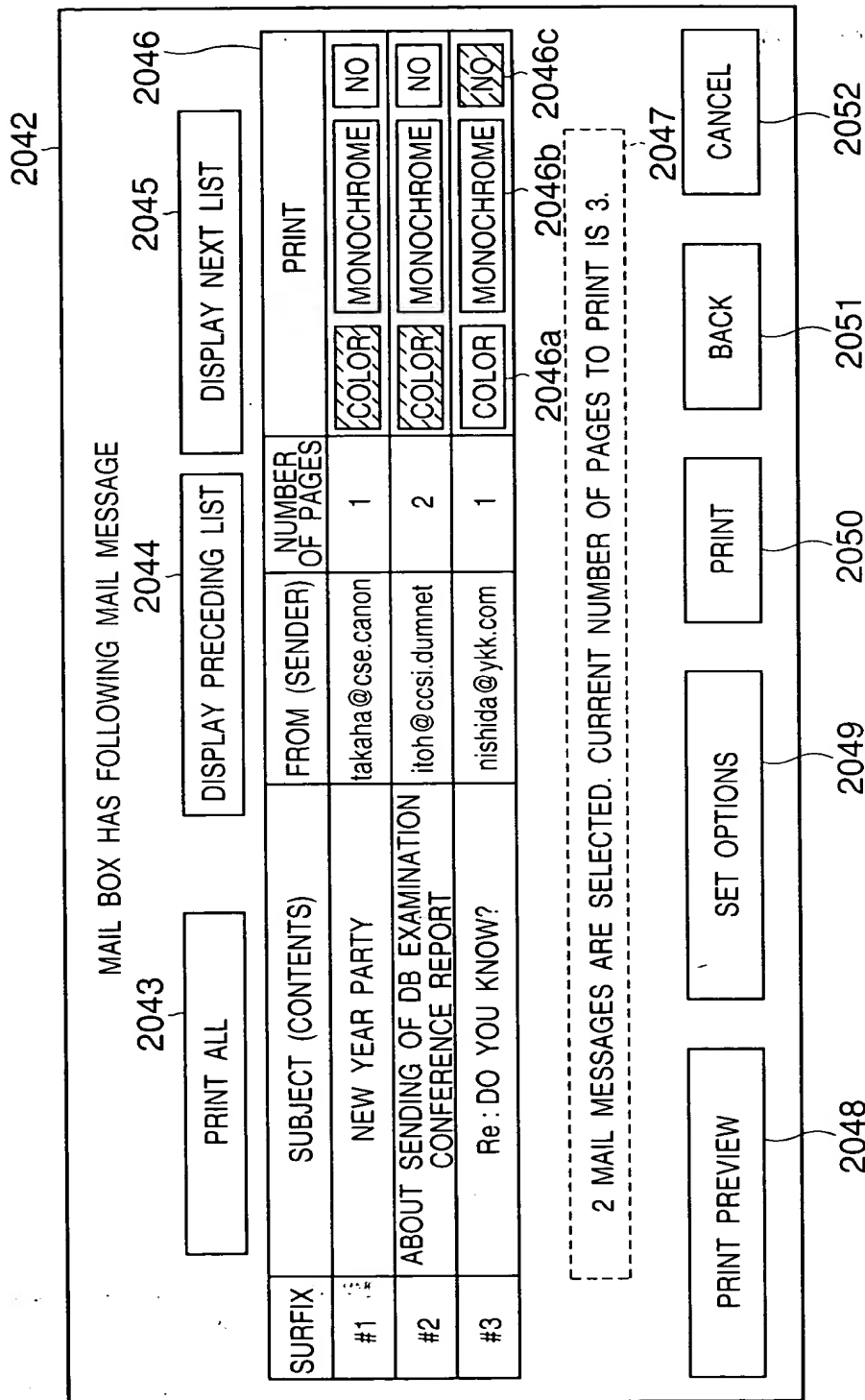


FIG. 84

2053

MAIL PRINTING OPTIONS
YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES CONTINUOUSLY ONE SHEET	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	} 2054
DENSELY PRINT WITH SMALLEST LETTERS	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
	<input type="checkbox"/> OK	<input type="checkbox"/> CANCEL	

2055

2056

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FIG. 85

2057
2060 2061

2058
2059

PRINT ALL

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

2063
2064
2065
2066
2067

REGISTERED FRAME IS AS FOLLOWS

SURFIX	CONTENTS	NUMBER OF PAGES	PRINT
#1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
#2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
#3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

2 PIECES OF INFORMATION ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 4.

2061a 2061b
2062

REGISTER / CHANGE INFORMATION

PRINT PREVIEW

BACK

CANCEL

FIG. 86

2068

INPUT NUMBER OF FRAME TO BE CHANGED

2070 {

1	2	3
4	5	6
7	8	9
-	0	#

##2

2071

OK

2072

CANCEL

2073

CORRECT

2074

REGISTER NEW FRAME

2069

FIG. 87

2075

REGISTERED FRAME #2 HAS FOLLOWING CONTENTS

2076

2077 2078

2079

2080

2081

2082

208a

208b

P-CODE	CONTENTS	REGISTER
6982-9243-2311	SINGLE CD RANKING	<div>YES</div> <div>NO</div>
6982-9243-2302	ALBUM RANKING	<div>YES</div> <div>NO</div>
6990-0238-3765	NEW RELEASE INFORMATION	<div>YES</div> <div>NO</div>

ADD NEW P-CODE

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

OK

BACK

CANCEL

FIG. 88

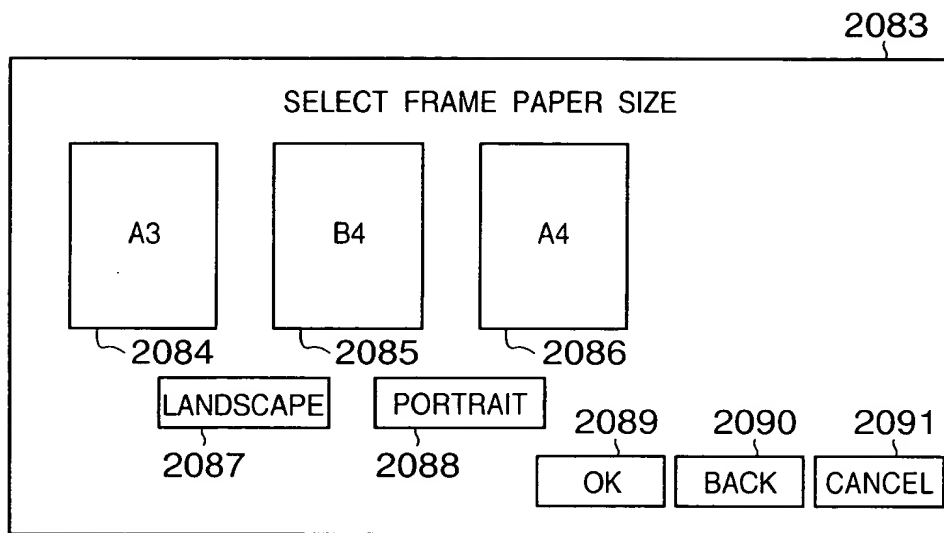
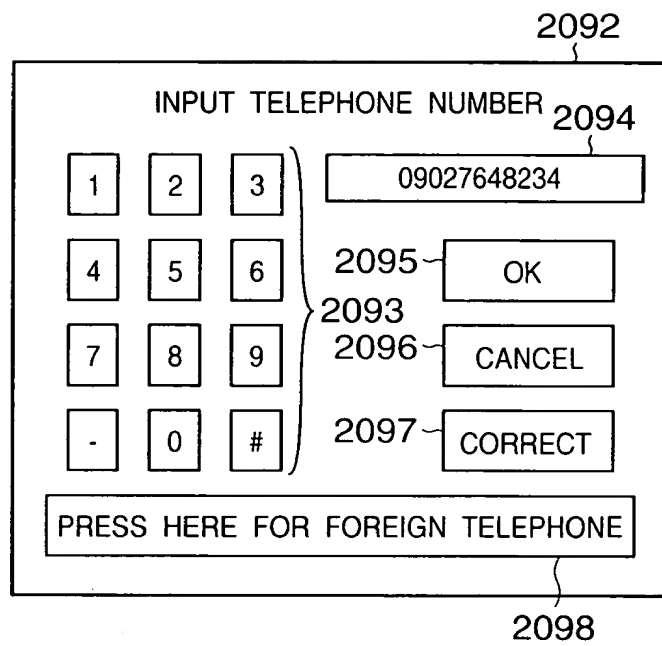


FIG. 89



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FIG. 90

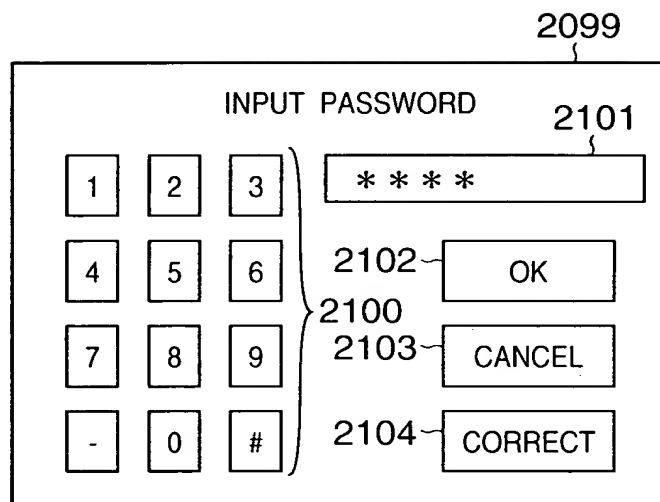


FIG. 91

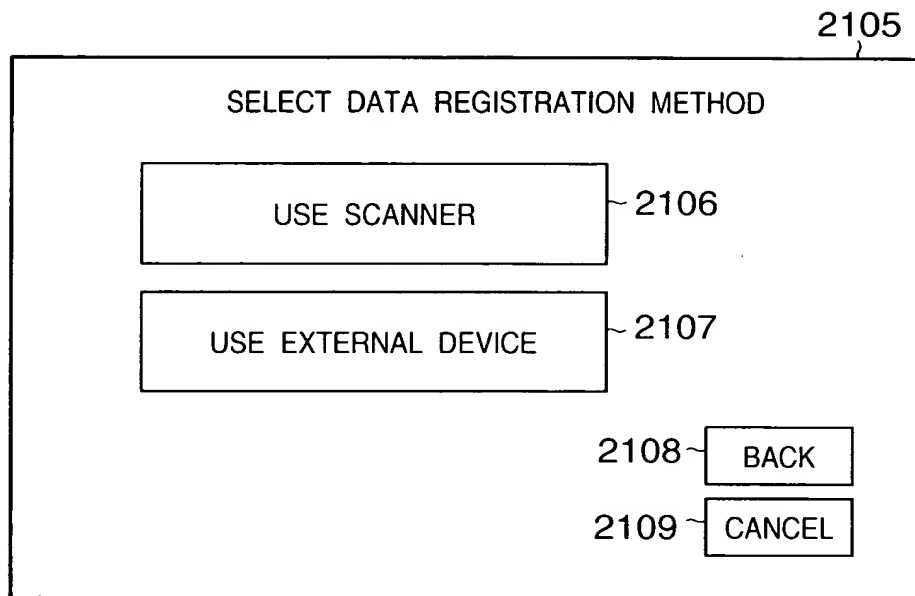


FIG. 92

2110

SET ORIGINAL TO UPPER LEFT CORNER OF
SCANNER AND PRESS "OK"

2111- OK

2112- BACK

2113- CANCEL

FIG. 93

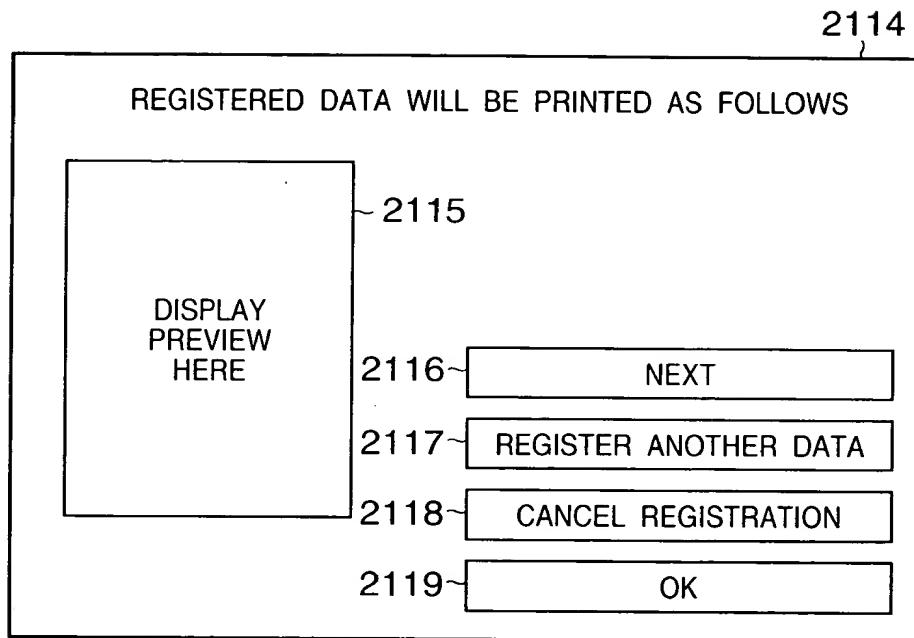


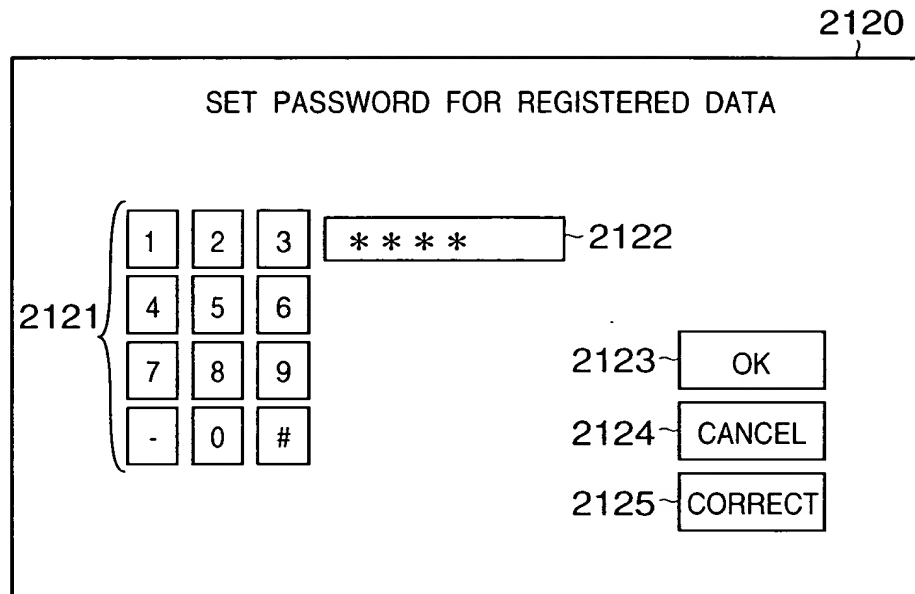
FIG. 94

FIG. 95

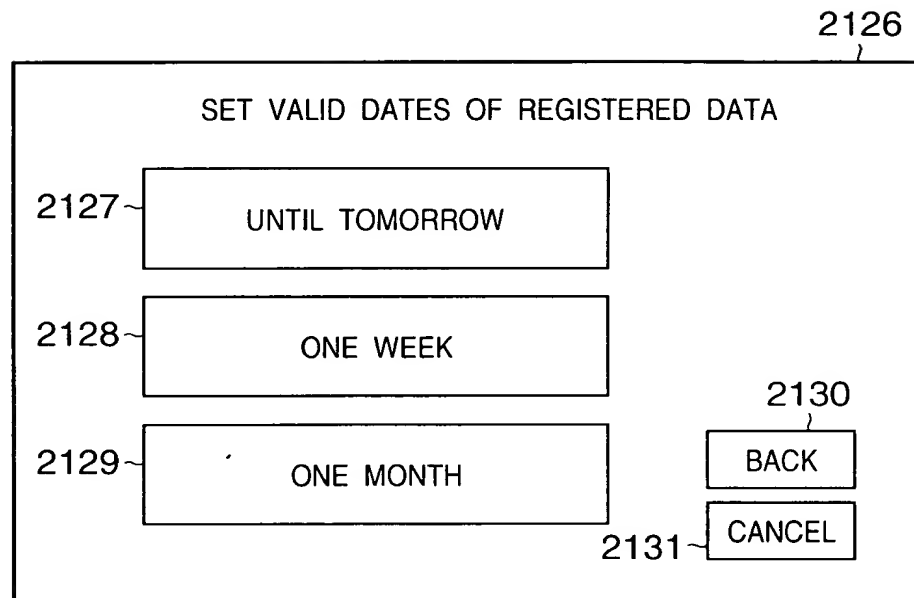


FIG. 96

2132

FOLLOWING DATA IS RECEIVED.
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	* * * *
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134

2135

2136

OK

CANCEL

FIG. 97

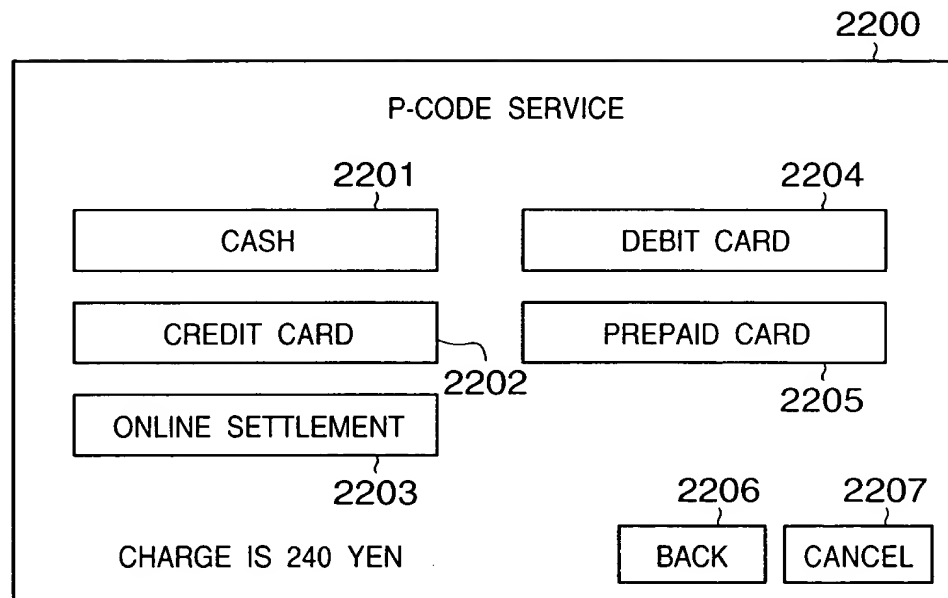
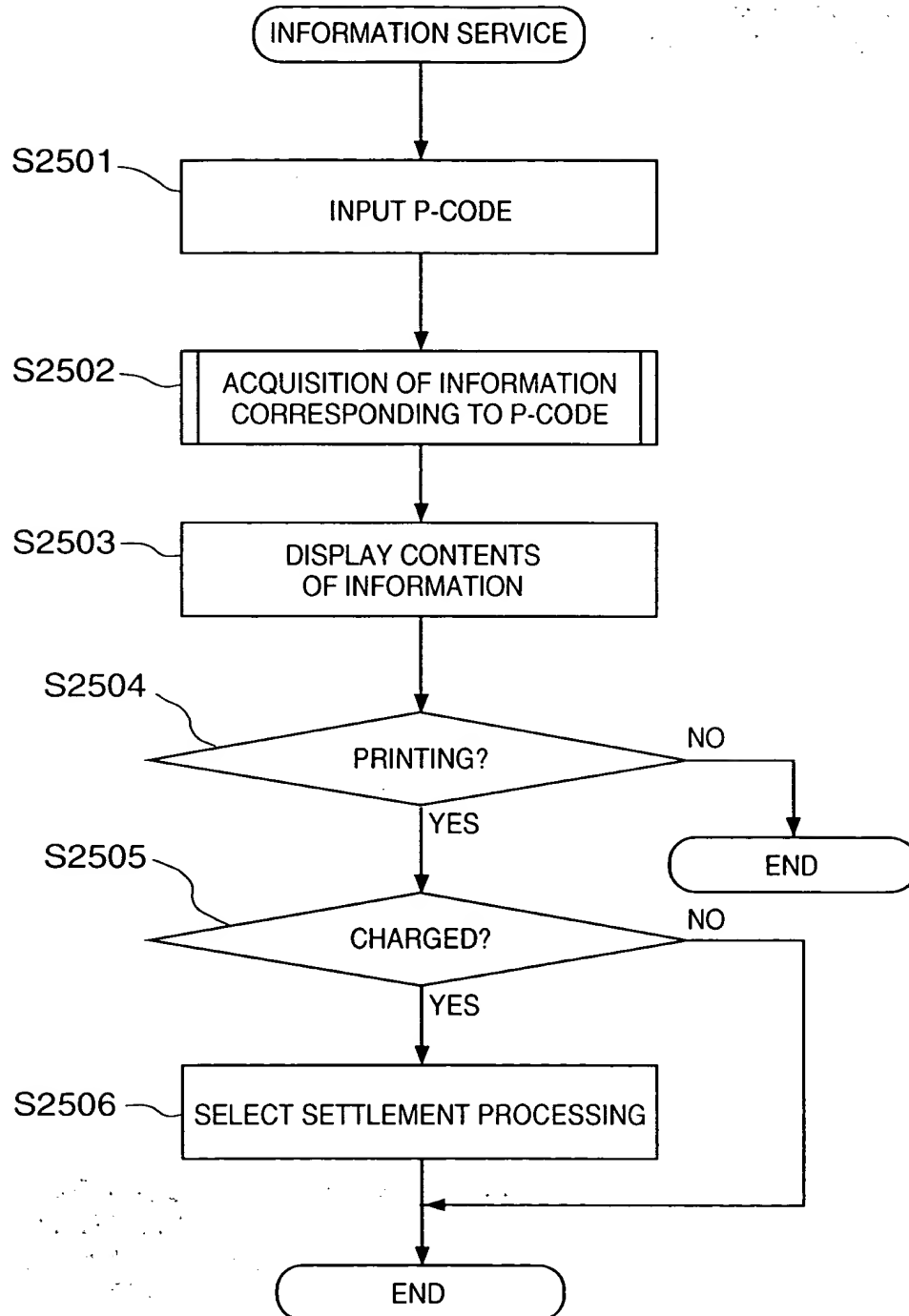
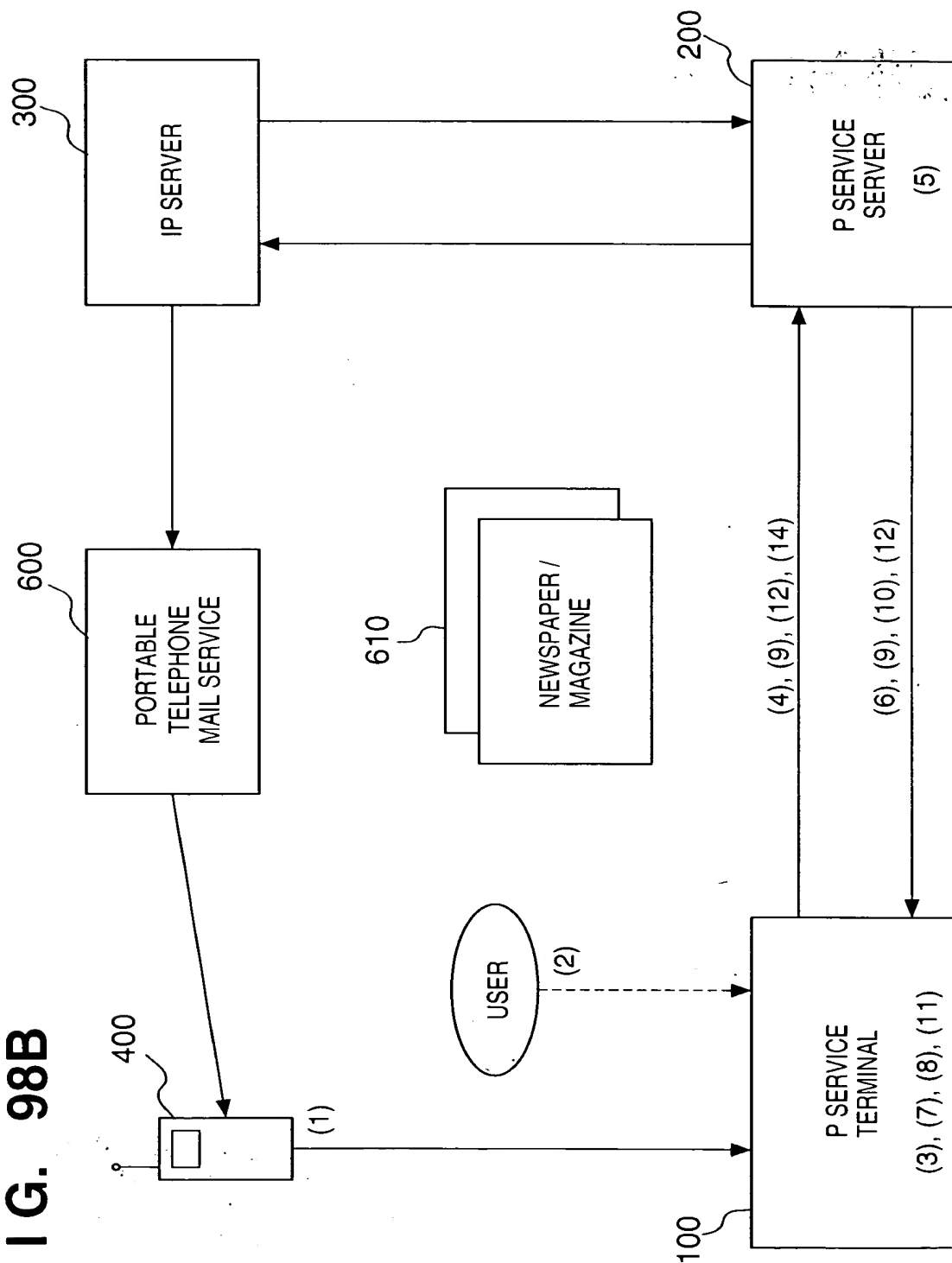


FIG. 98A

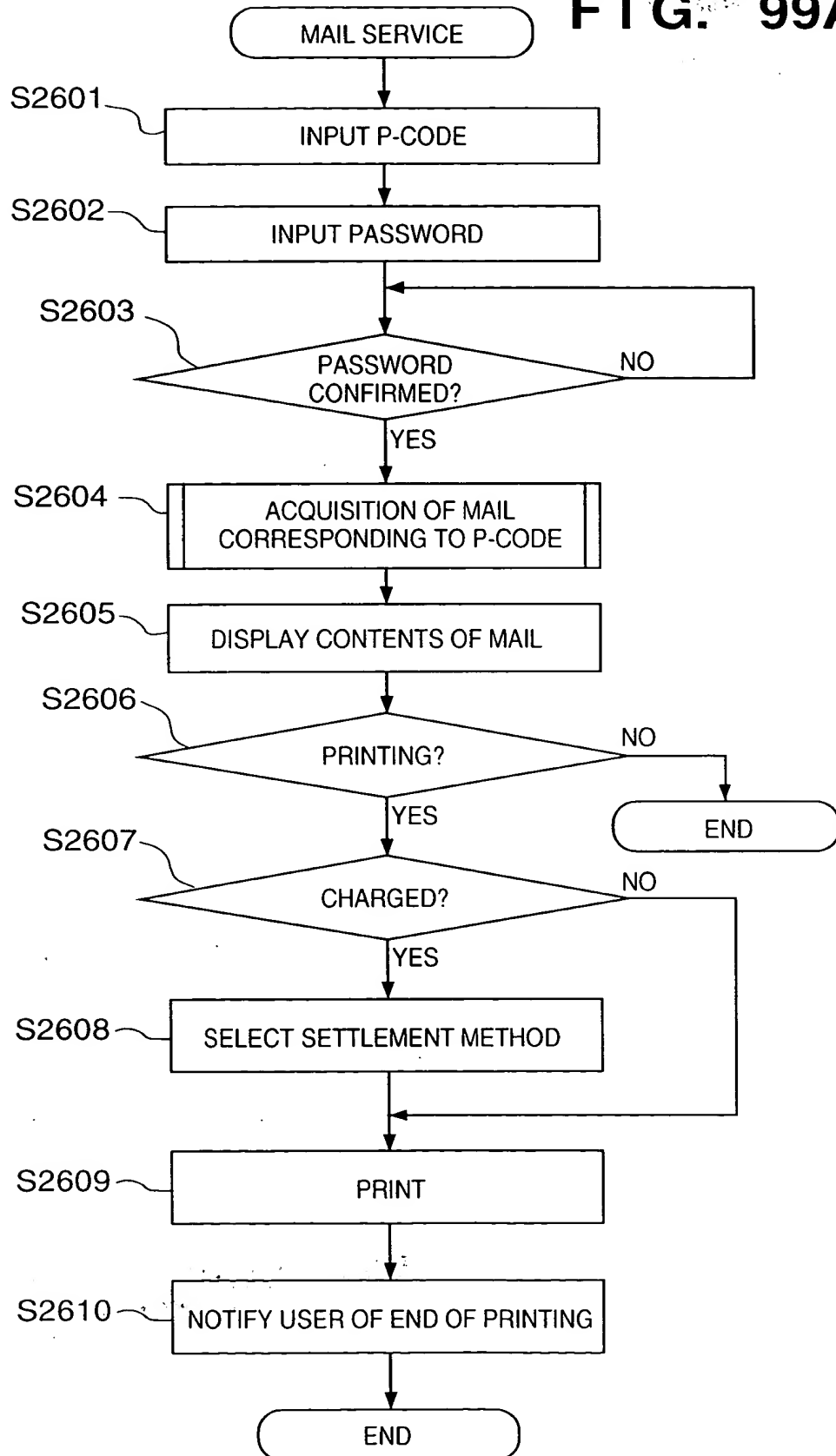
001110" 26E24560

FIG. 98B



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FIG. 99A



001140 2654560

FIG. 99B

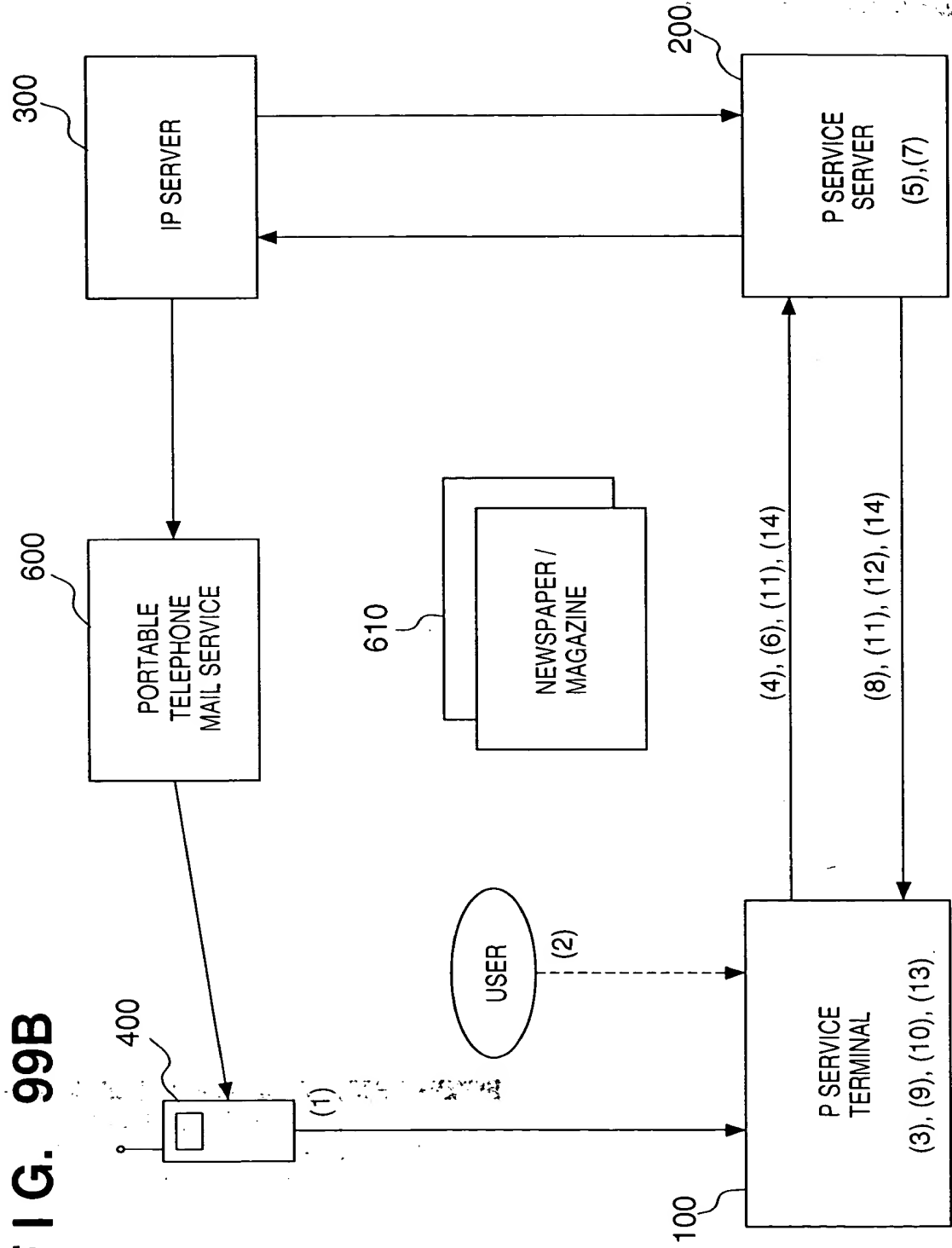


FIG. 100A

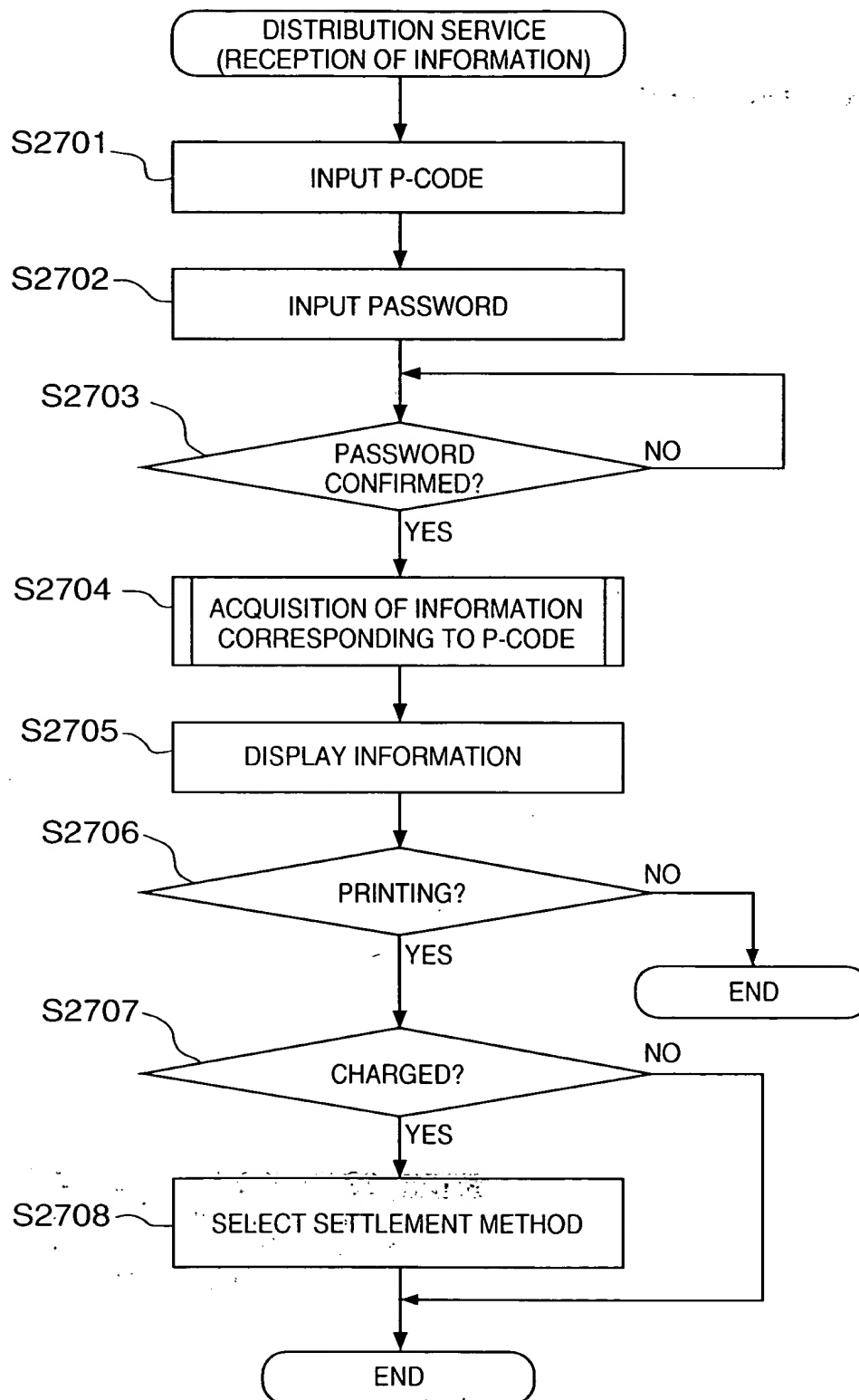


FIG. 100B

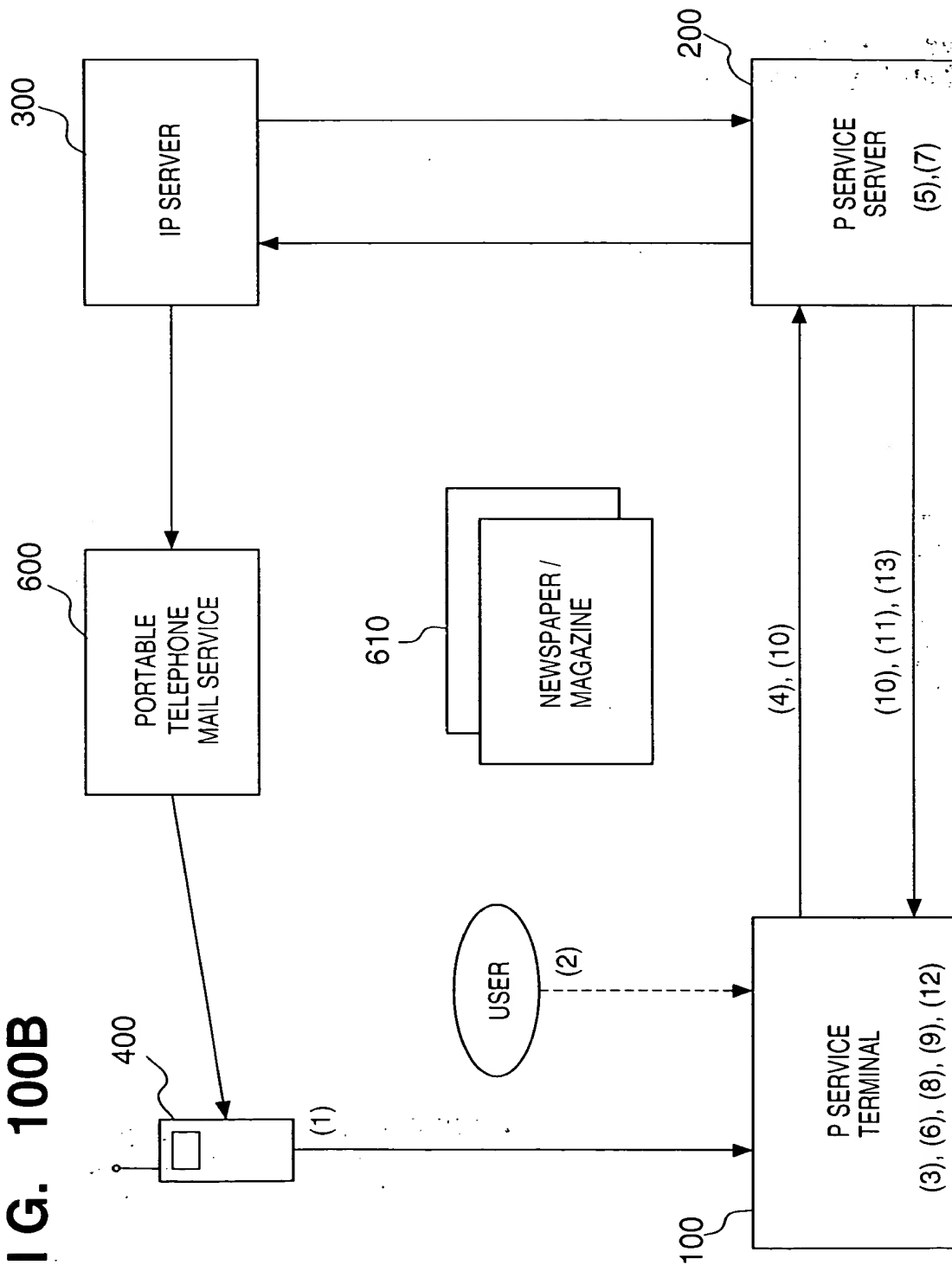
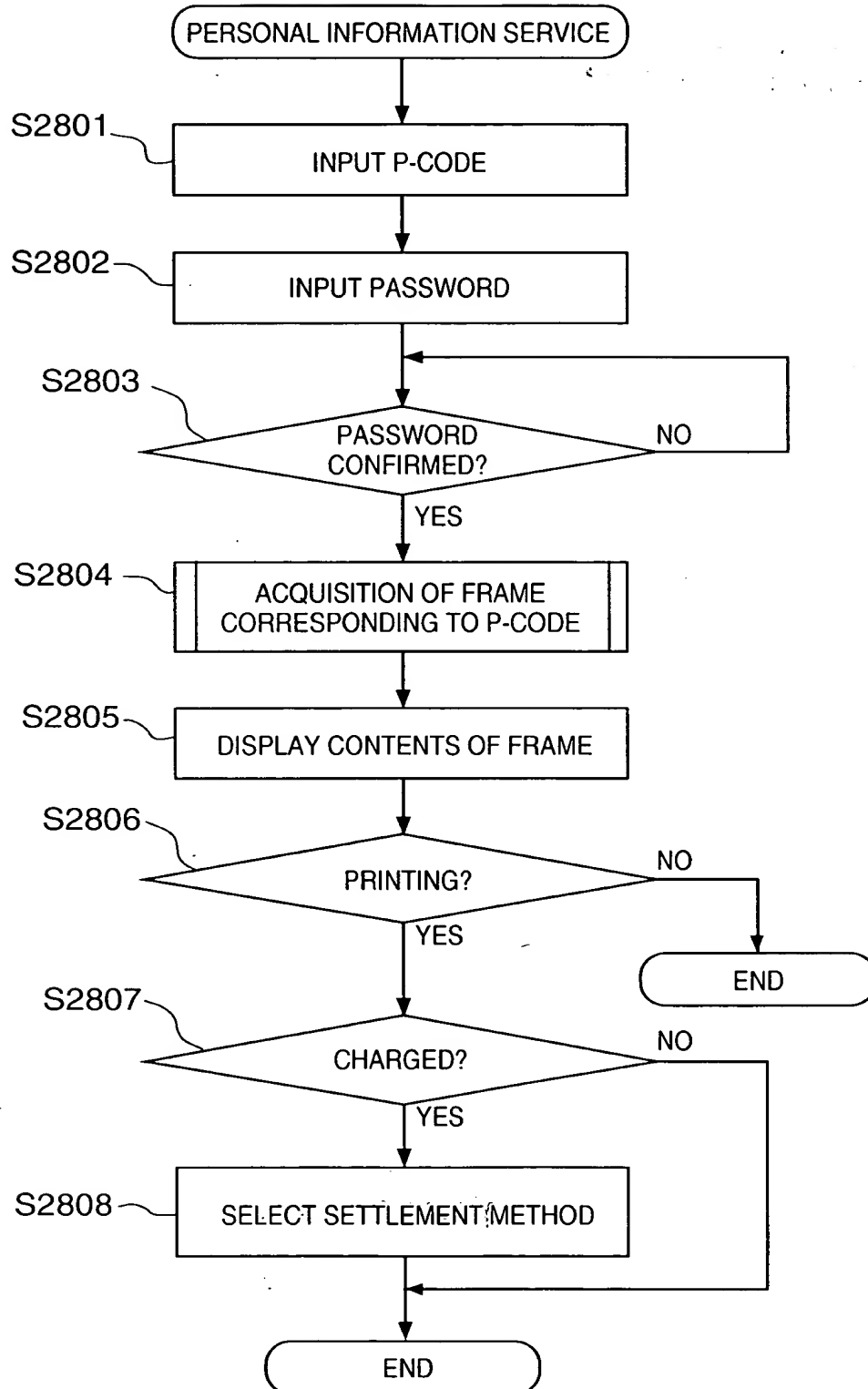
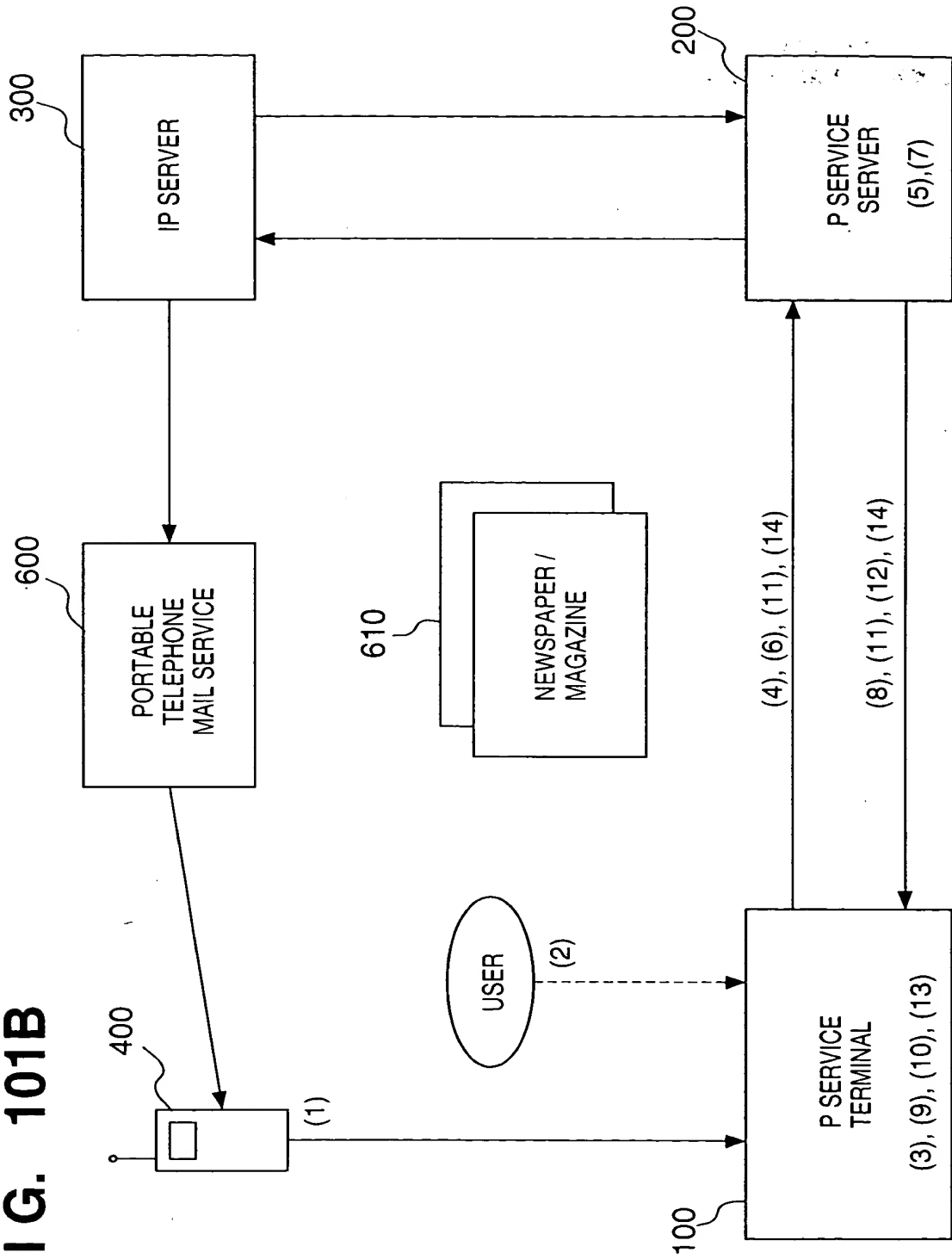


FIG. 101A

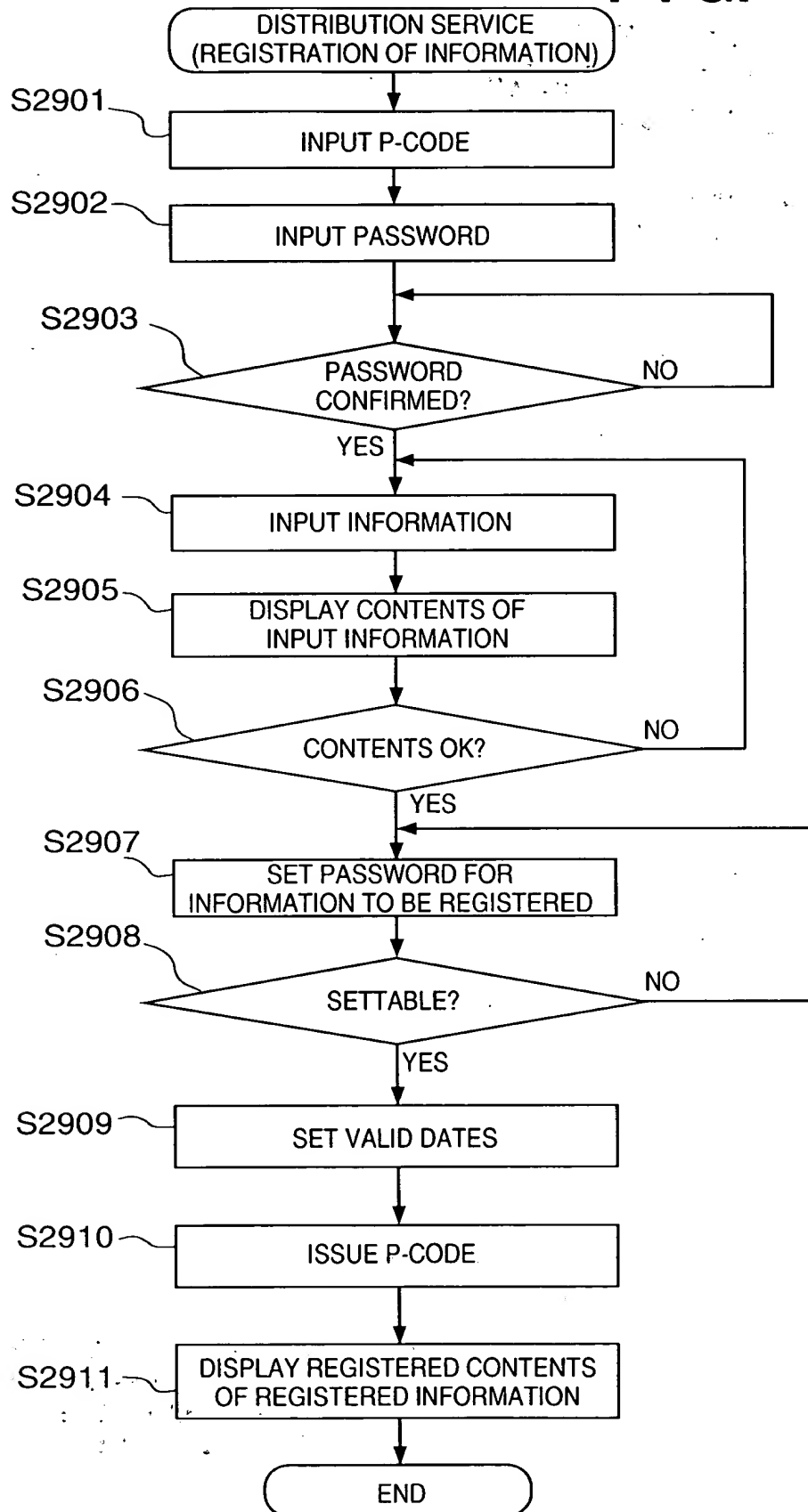
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FIG. 101B



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FIG. 102A



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FIG. 102B

100 P SERVICE TERMINAL
(1), (2), (3), (4),
(5), (6), (9), (11)

200 P SERVICE SERVER (8)

300 IP SERVER

600 PORTABLE TELEPHONE MAIL SERVICE

400

610 NEWSPAPER / MAGAZINE

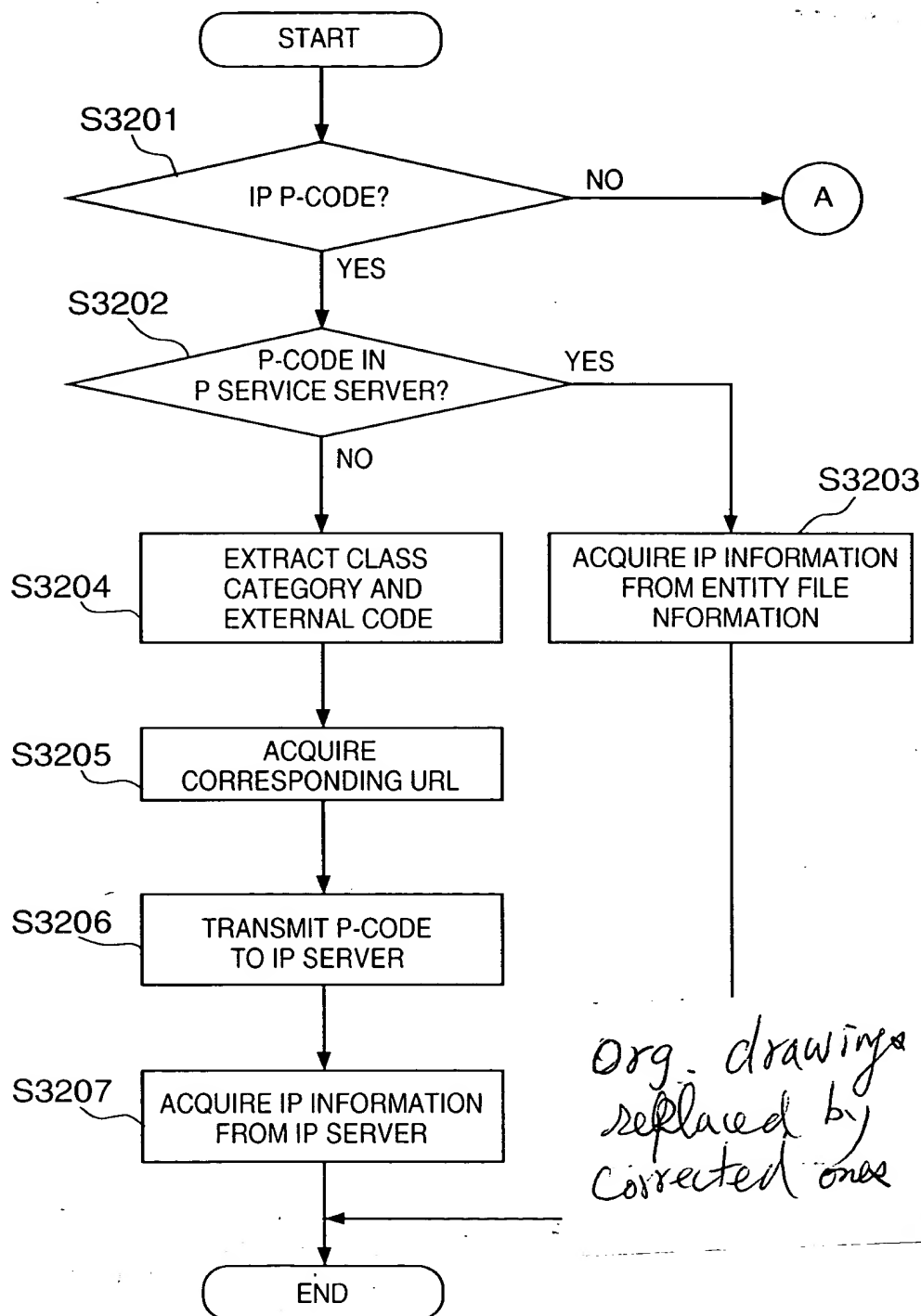
USER

(7)

(10)

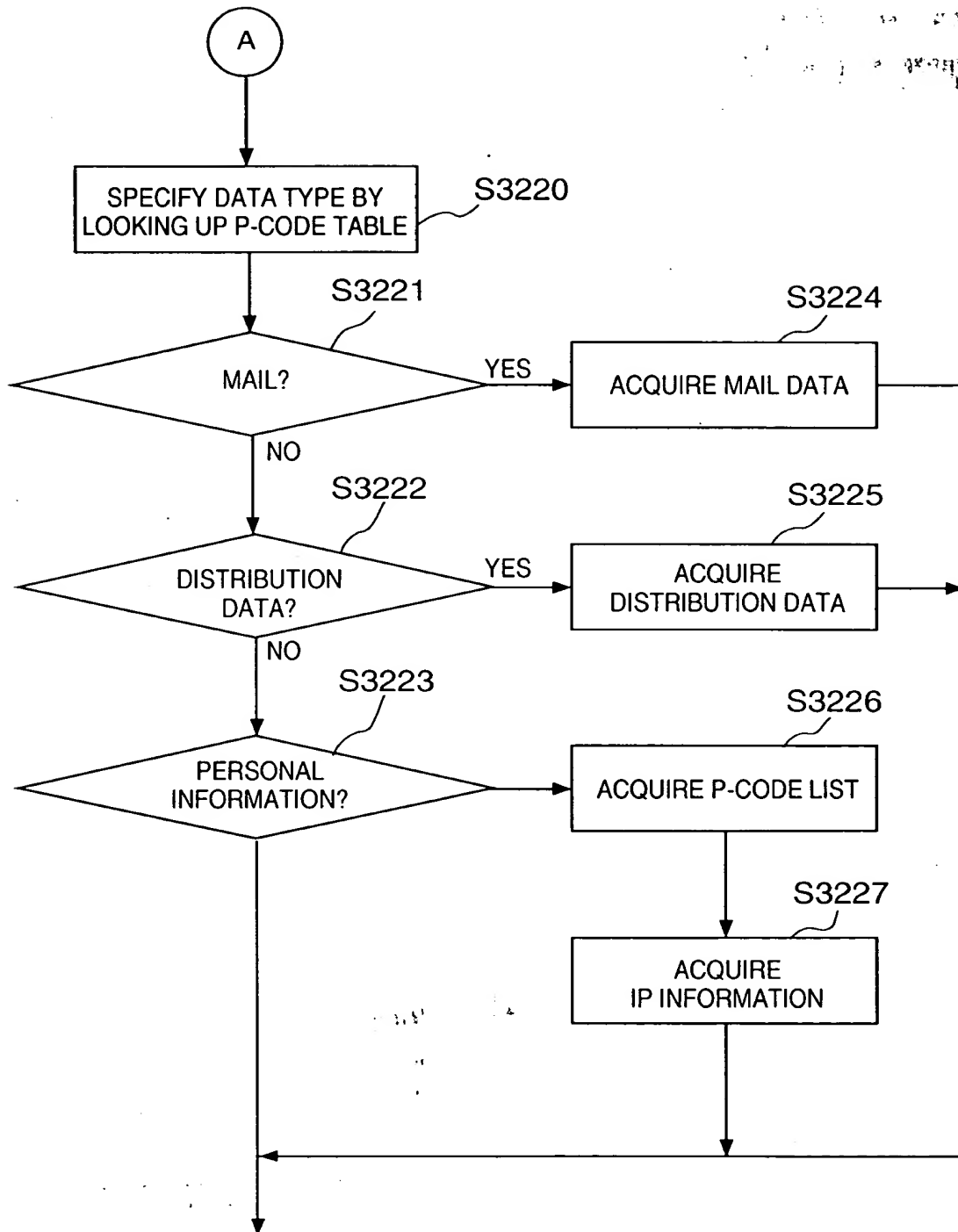
FIG. 103A

ACQUISITION OF IP INFORMATION

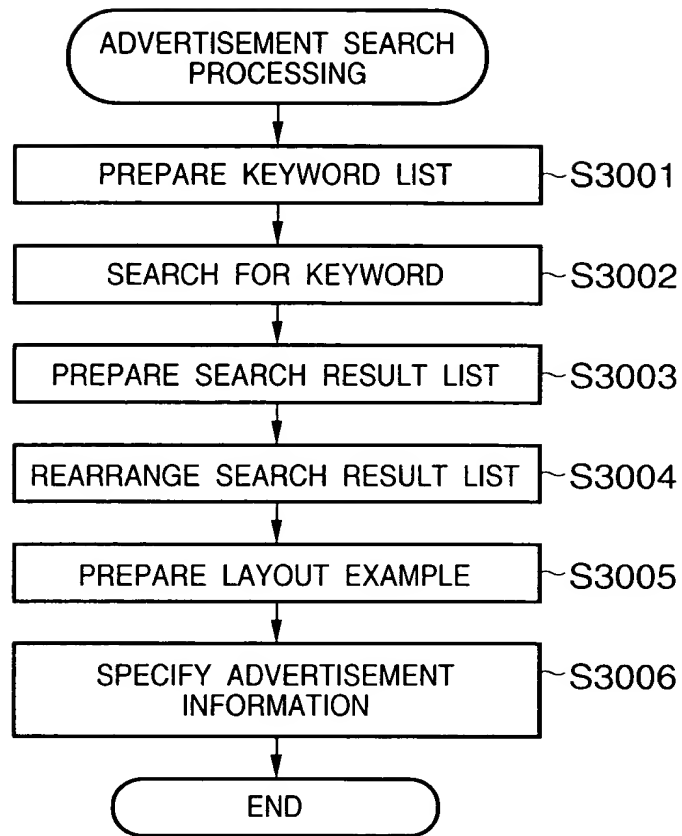


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FIG. 103B



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FIG. 104

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FIG. 105A

IP INFORMATION LIST	
KEYWORD	WEIGHT
MARRIAGE	+10

FIG. 105B

USER REGISTRATION LIST	
KEYWORD	WEIGHT
TOKYO	+1
25 YEARS OLD	+1

FIG. 105C

P SERVICE TERMINAL LIST	
KEYWORD	WEIGHT
SAITAMA	+1

FIG. 105D

HIGHEST PRIORITY LIST	
KEYWORD	WEIGHT
ADMISSION	+5
CHINESE CUISINE	+4

FIG. 105E

LOWEST PRIORITY LIST	
KEYWORD	WEIGHT
TOKYO	+1
KANAGAWA	+1

001140" 26E74560

FIG. 106A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+10	+ + +	+100
	-5	* * *	-50
	+3	- - -	+30
	-4	+ - +	-40
	+7	* - *	+70

FIG. 106B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+2	@ @ *	+2
	+8	+ - *	+8
	-2	@ + +	-2
25 YEARS OLD	+10	@ * *	+10

FIG. 106C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+10
	+5	* + +	+5
	-5	@ * @	-5

FIG. 106D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+50
	+3	* / *	+15
CHINESE CUISINE	+3	% % %	+12
	-4	\$ \$ \$	-16
	+7	% & %	+28

FIG. 106E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+1	+ & +	+1
	-2	* * &	-2
KANAGAWA	+2	\$ - -	+2
	-2	+ - &	-2
	+1	* - &	+1

FIG. 107A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+7	* - *	+85
	+10	+ - +	+80
	+3	- - -	+30
	-5	* * *	-30
	-4	+ - +	-45

FIG. 107B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+8	+ - *	+10
	-2	@ + +	+0
	+2	@ @ +	-1
25 YEARS OLD	+10	@ * *	+10

FIG. 107C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+15
	+5	* + +	+3
	-5	@ * @	-8

FIG. 107D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+40
	+3	* / *	+10
CHINESE CUISINE	+7	% & %	+25
	+3	% % %	+20
	-4	\$ \$ \$	-5

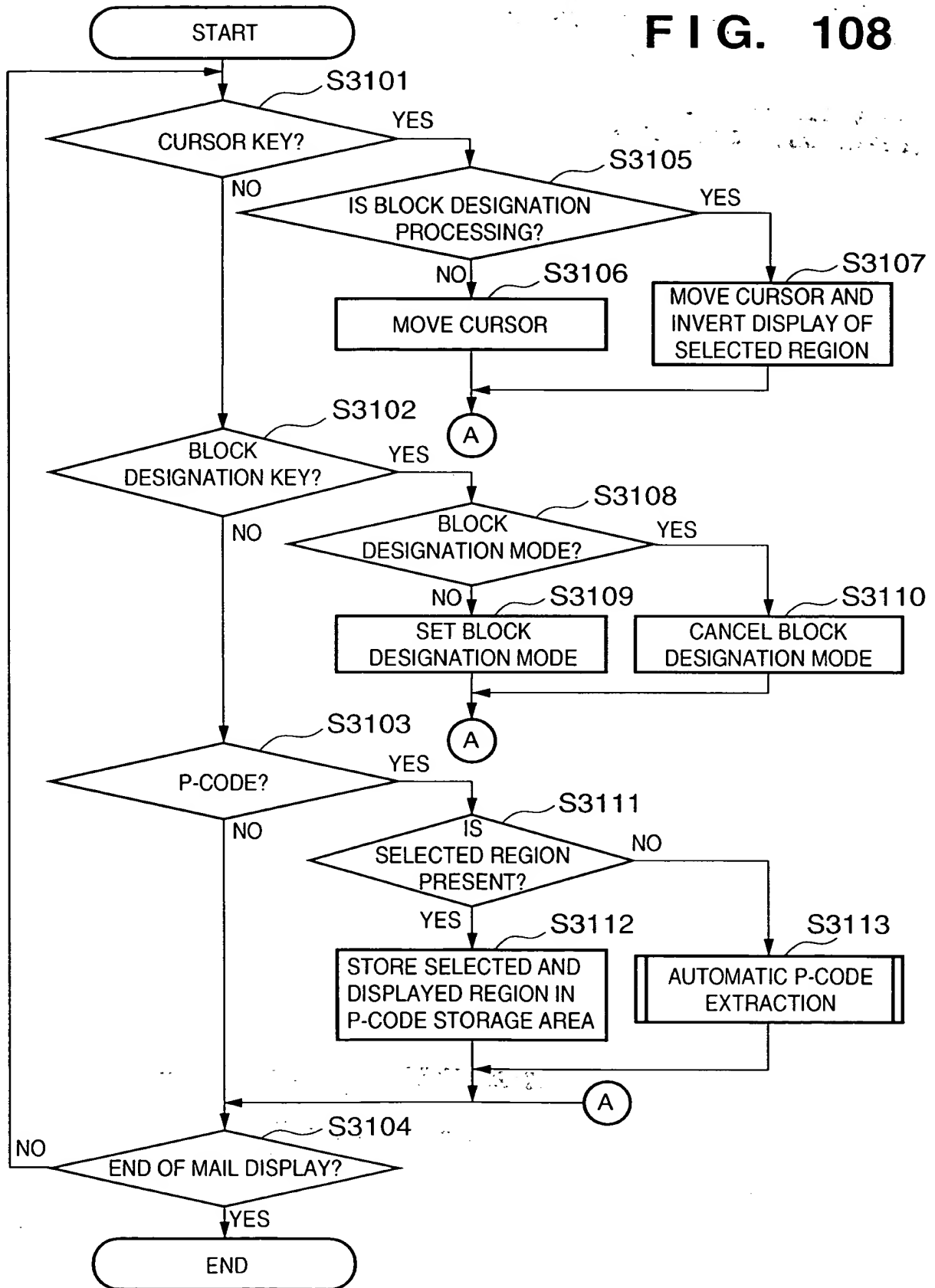
FIG. 107E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	-2	* * &	+4
	+1	+ & +	-5
KANAGAWA	+2	\$ - -	+10
	-2	+ - &	-1
	+1	* - \$	-5

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RECEPTION OF MAIL AND DISPLAY OF CONTENTS OF MAIL

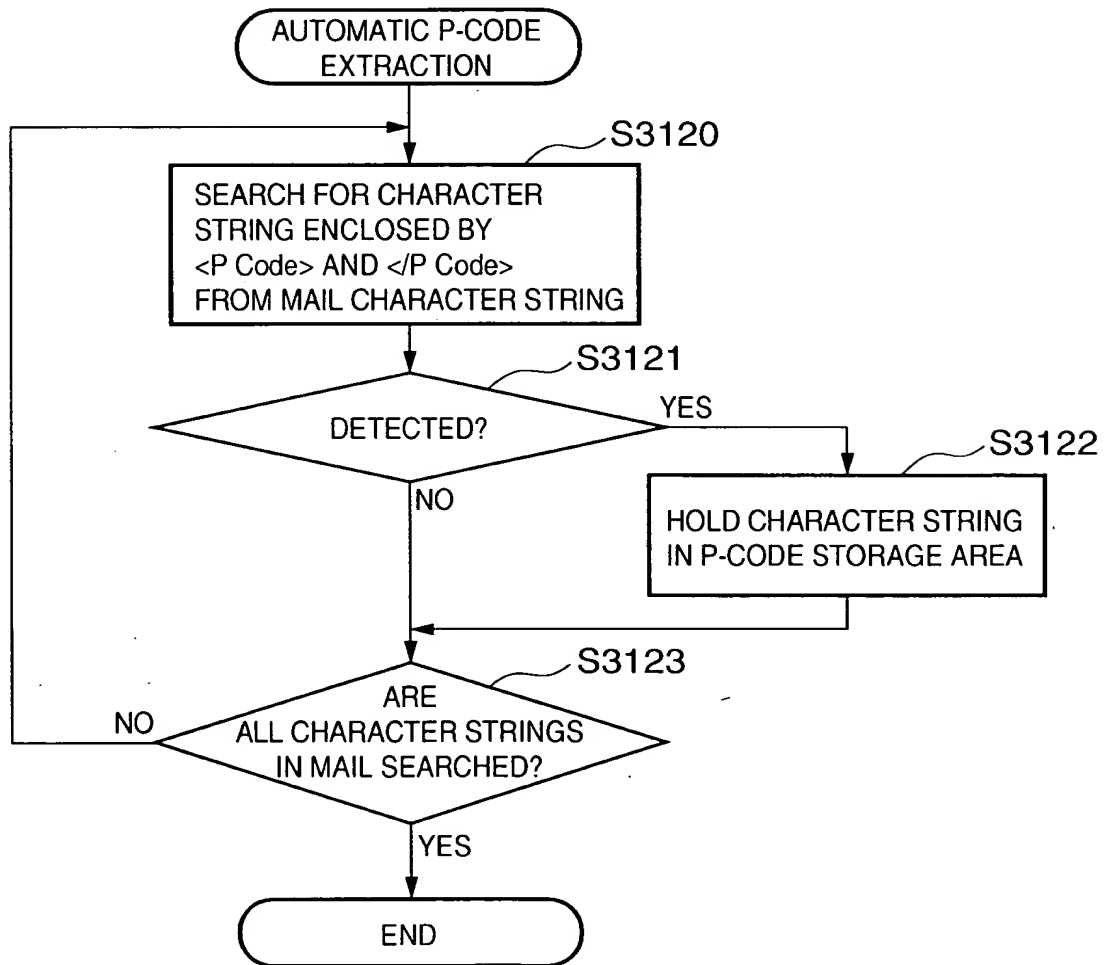
FIG. 108



00110-2684560

FIG. 109

MAIL UNDER DISPLAY AND AUTOMATIC P-CODE EXTRACTION



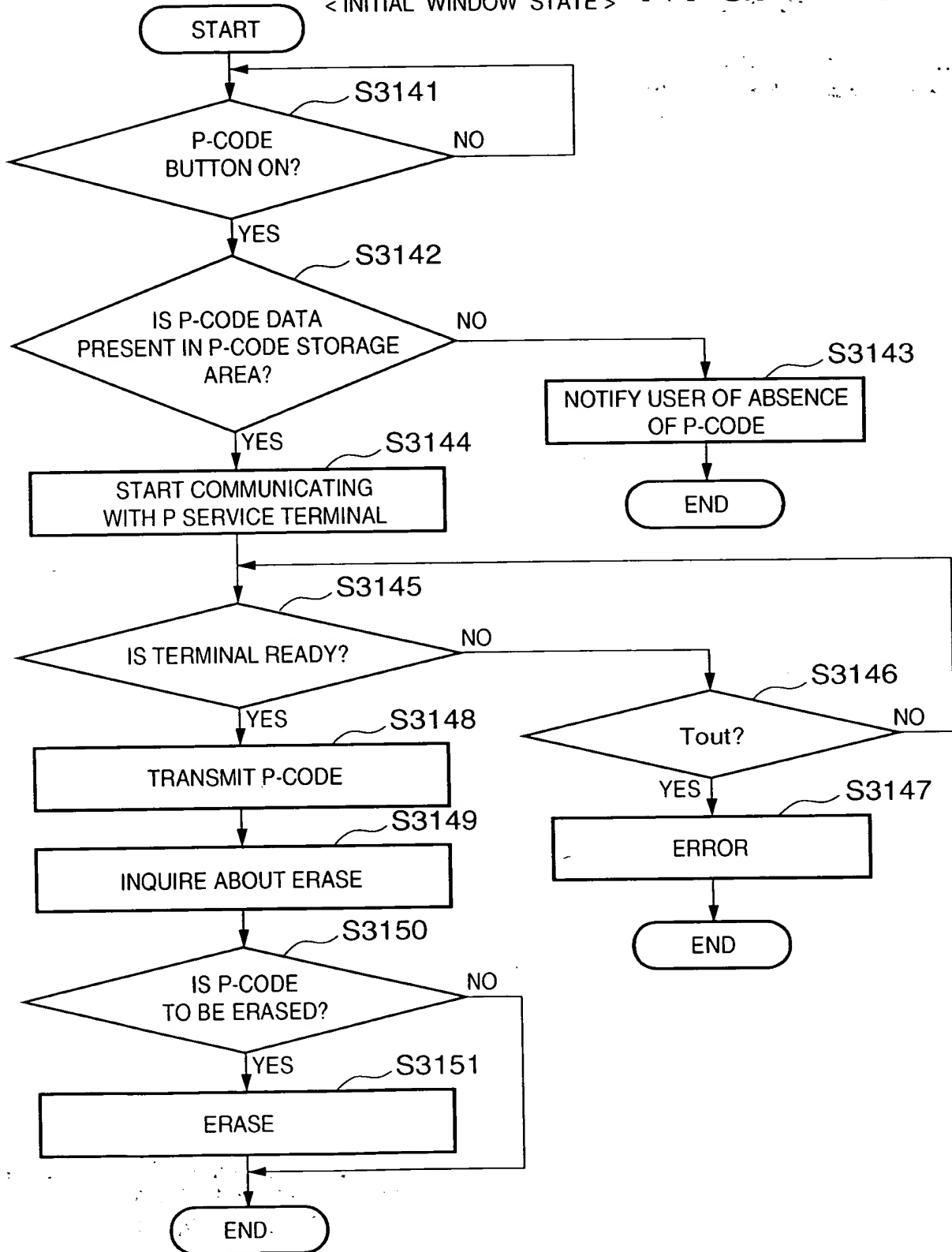
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P-CODE TRANSMISSION FUNCTION

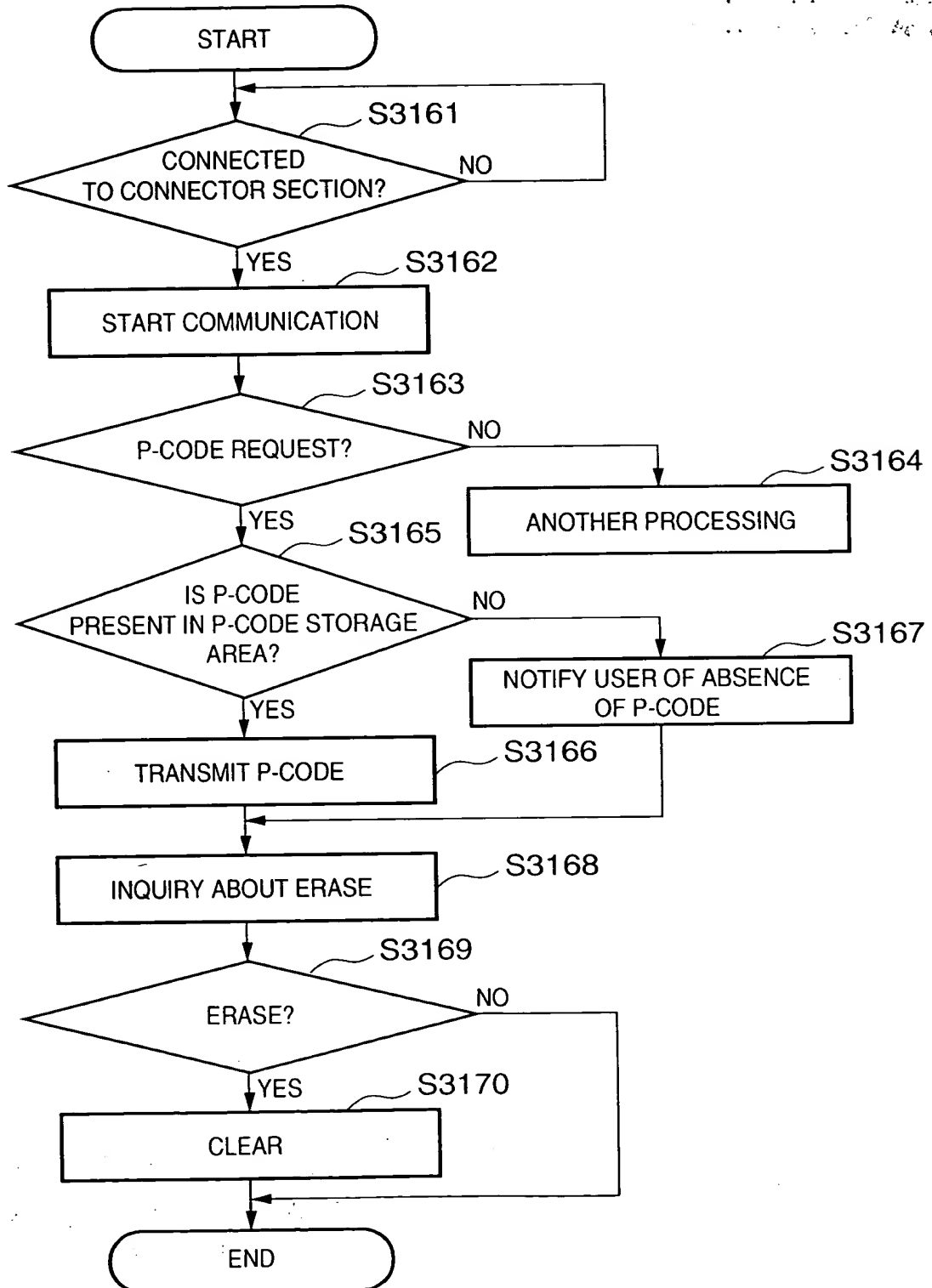
< INITIAL WINDOW STATE >

FIG. 110



001140" 26E24560

FIG. 111



09547397-041100